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Sequence 201, App
Sequence 201, App
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Sequence 13565,
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Sequence 63
Sequence 64
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Sequence 16
Sequence 16
Sequence 5,
Sequence 3,
Sequence 4,
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Sequence 29
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Sequence 1
Sequence 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  lssued_patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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1 AKKARAAKKARAAKKARAAKKARAAKKARAAKKARA 36
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US-09-489-039A-13565

US-08-993-008A-5

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US-08-993-008A-6

US-08-460-890A-63

US-08-460-890A-63

US-08-167-641C-64

US-08-167-641C-64

US-08-460-971A-64

US-08-460-971A-64

US-08-460-971A-64

US-08-462-040-63

US-08-462-040-63

US-08-462-040-63

US-08-462-040-63

US-08-98-300-16

US-08-99-329-16

US-08-99-329-16

US-08-99-329-16

US-08-99-329-16

US-08-918-300-16

US-09-918-300-16

US-09-918-300-16

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US-09-918-300-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                              OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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72.7
71.5
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Sequence 3554, Ap	Sequence 5, Appli		Sequence 12, Appl	Sequence 14, Appl	Sequence 12, Appl	٠.	Sequence 20, Appl	Sequence 4, Appli	Sequence 38, Appl	38,	Sequence 40, Appl	Sequence 40, Appl	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 3, Appli	Sequence 3, Appli
US-09-134-000C-3554	US-09-405-743A-5	US-09-252-991A-18461	US-08-152-488-12	US-08-303-025-14	US-08-677-304-12	US-08-436-703B-16	US-08-995-172-20	US-09-405-743A-4	US-09-041-889-38	US-09-417-264-38	US-09-041-889-40	US-09-417-264-40	US-09-041-889-1	US-08-837-058-1	US-09-417-264-1	US-09-041-889-3	US-08-837-058-3
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204	77	236	53	53	23	53	37	99	116	116	158	158	212	212	212	222	222
44.1	43.8	43.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
71.5	71	71	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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299 AEKAAAAEKAAAABKAAAAKAAAAKAAAA 335
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                                                                                             RESULT 4
US-09-405-743A-7
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Sequence 13565 Application US/09489039A

Sequence 13565 Application US/09489039A

Sequence 13565 Application US/09489039A

Sequence 13565 Application US/09489039A

SERBEAL INFORMATION:
APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

FILE REPERENCE: 2709.2004001

CURRENT FILING DATE: 1000-01-27

PRIOR PLING DATE: 1999-01-29

SELOR PRIOR PLING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

LENGTH: 469
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Sequence 201, Application US/09205426

Patent No. 6406704

SCHERAL INFORMATION:
APPLICANT: Watson, James D.
TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Dispensis of Mycobacterial Infections
TITLE OF INVENTION: Dispensis of Mycobacterial Infections
TITLE OF INVENTION: Dispensis of Mycobacterial Infections
FILE REFERENCE: 11000.100.204

CURRENT APPLICATION NUMBER: US/09/26,855

EARLIER APPLICATION NUMBER: 09/997,362

EARLIER FILING DATE: 1998-06-11

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1996-08-29

NUMBER OF SEQ ID NOS: 208

SOFTWARE: PastSEQ for Windows Version 3.0

LENGTH: 223
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                                             Query Match
64.2%; Score 104; DB 3; Length 223;
Best Local Similarity 72.2%; Pred. No. 2.6e-05;
Matches 26; Conservative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match

64.2%; Score 104; DB 4; Length 223;

Best Local Similarity 72.2%; Pred. No. 2.6e-05;

Matches 26; Conservative 0; Mismatches 10; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , ORGANISM: Mycobacterium vaccae US-09-205-426-201
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Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                RESULT 2
US-09-205-426-201
     US-09-095-855-201
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Gaps
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Sequence 7, Application US/09405743A
Patent No. 6514938
Patent No. 6514938
Patent No. 6514938
Patent No. 6514938
PERENAL INFORMATION:
APPLICANT: Yeda Research and Development Co., itd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 51.2%; Score 83; DB 4; Length 109
Best Local Similarity 60.0%; Pred. No. 0.0032;
Matches 24; Conservative 4; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                 FEATURE: OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPOTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/993,008A
FILING DATE: 18-DEC-1997
CLASSFILCATION: 514
PRICR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,436
FILING DATE: 18-DEC-1996
ATTCRNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 AKKARA--AKKARAA--KKARAAKKARAAKKARA 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Greenlee, Winner and Sullivan STREET: 5370 Manhattan Circle, Suite 201 CITY: Boulder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Polycationic Oligomers
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/08993008A Patent No. 6153596
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /AGENT INFORMATION Sally A. Sullivan, Sally A. TIMBER: 32,064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGIGTRATION NUMBER: 32,064
REFERENCE/DOCKET NUMBER: 33-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Liotta, Dennis C. APPLICANT: Petros, John A. APPLICANT: Wey, Shiow-Jyi APPLICANT: Karr, Joan F. APPLICANT: Pohl, Jan
                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    303-499-8080
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49.4%; Score 80; DB 3; Length 56;
Best Local Similarity 52.9%; Pred. No. 0.004;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                              Score 80; DB 3; Length 48;
Pred. No. 0.0035;
6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER BEADABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: Floppy disk

COMPUTER: Floppy disk

COMPUTER: Floppy disk

SOUTHARE: PRECEDIANS-DOS

SOUTHARE: PAPELICATION DATA:

APPLICATION NUMBER: US/08/993,008A

FILING DATE: 18-DEC-1997

FLING DATE: 18-DEC-1996

ATTORNEY/AGENT INFORMATION:

NAME: SULINAN, SAILY A.

REPERRATION NUMBER: 32,064

REPERRATION NUMBER: 33-95

TELECOMMUNICATION INFORMATION:

TELEFAX: 303-499-8089

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: SE amino acids

LENGTH: SE amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/08993008A

Sequence 6, Application US/08993008A

Patent No. 6153596

GENERAL INFORMATION:
APPLICANT: Liotta, Dennis C.
APPLICANT: Wey, Shiow-dyi
APPLICANT: Karr, Joan F.
APPLICANT: Karr, Joan F.
APPLICANT: Poly Shiow-dyi
CITLE OF INVENTION: Polycationic Oligomers
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                         3 KARAAKKARAAKKARAAKKARAAKKARA 36
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F: 5370 Manhattan Circle, Suite 201
Boulder
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not relevant
                                                                 SS: not relevant
not relevant
                                                                                                                                                                                                                                  Query Match
Best Local Similarity 52.9%;
Matches 18; Conservative
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid
STRANDEDNESS: not releva
TOPOLOGY: not relevant
MOLECTLE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: not
TOPOLOGY: not rel
                                                                                                                                                            , ANTI-SENSE: NO
US-08-993-008A-5
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STREET: 53'
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US-08-993-008A-6
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US-08-993-008A-6
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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Woo, Savio L.C.

APPLICANT: Grith, Louis C.

APPLICANT: Gottchalk, Stephen

TITLE OF INVENTION: METHODS OF USE

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: "Arg Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

49.4%; Score 80; DB 2; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 KARAAKKARAAKKARAAKKARAAKKARA 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFFWARE: FESTSEM COMPATIONS 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: Unne 5, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: 07/855,389
FILING DATE: March 19, 1993
APPLICATION NUMBER: 92,1992
APPLICATION NUMBER: 92,1993
ATTORNEY/AGENT INFORMATION:
NAME: WAZDULEY, RICHARD 3.7
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/066
                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 8
US-08-460-890A-64
; Sequence 64, Application US/08460890A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 63
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: siz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-460-890A-63
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Gaps

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3 KARAAKKARAAKKARAAKKARAAKKARA 36

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TITLE OF INVENTION: METHODS OF USE NUMBER OF SEQUENCES: 65 CORRESPONDENCE ADDRESS:
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STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-167-641C-64
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US-08-460-890A-64
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: With, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gettehen's Gettehen
TITLE OF INVENTION: WITHOUS OF USE
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 49.4%; Score 80; DB 2; Length 100; Best Local Similarity .52.9%; Pred. No. 0.0065; Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-167-641C-63
; Sequence 63, Application US/08167641C
; Sequence 63.3884
; Patent No. 6033884
; GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 KARAAKKARAKKARAAKKARAAKKARA 36
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COMPUTER, EADABLE PORN:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRACESO for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: Unne 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION ATA:
APPLICATION NUMBER: 07/655,389
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 19, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 19, 1993
ATTORNEY AGENT THYORMATION:
NAME: WANHING RICHARD
                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/C
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: (100) 964: 960USNCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: sir
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 9
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Gaps
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Sequence 64, Application US/08167641C

Sequence 64, Application US/08167641C

Sequence 64, Application of Sequence 653884

GENERAL INFORMATION:
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: MUTHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CTHER INFORMATION: "Arg Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.

US-08-167-641C-63
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49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
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ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700 CITY: Los Angeles STATE: California COUNTRY: U.S.A. ZIP: 90071-2066 COUNTRY: STADABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: RestSEM for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US33/02725
FILING DATE: March 19, 1993
ATTORNEY, AGENT INPORMATION:
NAME: WARDING, RICHARD A.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELECHONE: (213) 489-1600
TELECHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 100 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
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US-08-46.0-971A-62
US-08-46.0-971A-62
US-08-46.0-971A-62
US-08-46.1 INFORMATION:

APPLICANT: Smith, Louis C.

APPLICANT: Smith, Louis C.

APPLICANT: Caristian, Richard J.

APPLICANT: Gettehank, Stephen
TITLE OF INVENTION: MUCIEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEB: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STREET: Suite 4700
CITY: Los Angeles
STREET: Suite 4700
CONTRY: US.A.

ZIP: 90071-2066
COMPUTER: Exabable FORM:
MEDIUM TYPE: Storage is
COMPUTER: Exabable FORM:
MEDIUM TYPE: Storage is
COMPUTER: Last Storage is
MEDIUM TYPE: Storage is
MEDIUM TYPE: Storage is
COMPUTER: Last Storage is
MEDIUM TYPE: ST
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US-08-460-971A-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 KARAAKKARAAKKARAAKKARAAKKARA 36
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FILING DATE: June 5, 1995
CLASETRICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07.1992, 38PLICATION NUMBER: 07.1992, 38PLICATION NUMBER: 07.1992, 38PLICATION NUMBER: 07.1993, 02725
FILING DATE: MARCH 19, 1993
ATTORNEY/AGENT INFORMATION:
RAME: WAPDLE: WAPDLE; 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
TELECHOMICICATION INFORMATION:
TELECHOMORICATION INFORMATION:
TELECHOMORICATION INFORMATION:
TELECHOMORICATION INFORMATION:
TELECHOME: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 63.
SEQUENCE CHARACTERRESTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-460-971A-64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.

US-08-167-641C-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
49.4%; Score 80; DB 3; Length 100;
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 KARAAKKARAAKKARAAKKARAAKKARA 36
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION ATA:
APPLICATION ATA:
APPLICATION ATA:
APPLICATION ATA:
APPLICATION HATA:
APPLICATION WINBER: 07/855,389
FILING DATE: March 19, 1993
APPLICATION NUMBER: 07/1992/2725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LUMGTH: 100 amino acids
TYPE: amino acids
TYPE: amino acids
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
   ZIP: 90071-2066
COMPUTER READABLE FORM:
NEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: Callfornia
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-460-971A-63
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Sequence 64, Application US/08462040
Patent No. 6177554
                                     TELEPHONE: (213) 489-1600
TELEX: (213) 955-0440
TELEX: (213) 955-0440
TELEX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 63: SEQUENCE CHARACTERISTICS: LENGTH: 100 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (213) 955-0440
TELEX: 67-3510
TEREX: 67-3510
INFORMATION FOR SEQ ID NO: 64:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
Matches 18; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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US-08-462-040-64
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US-08-462-040-63

Sequence 63, Application US/08462040

Patent No. 6177554

GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 KARAAKKARAAKKARAAKKARAAKKARA 36
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STREET: 633 West Fifth Street
STREET: Saite 4700
CITY: Los Angeles
CITY: Los Angeles
STRATE: California
COUNTRY: U.S.A.
ZIP: 9001-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: FASTESEQ for Windows 2.0
SOFTWARE: FASTESEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: Unne 5, 1995
CLASSIFICATION: 36
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/655,389
FILING DATE: March 19, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATPORNEY, ABGENT INFORMATION:
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,32/
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELETAX: (213) 489-1600
TELETAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDENSS: single
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
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CTHER INFORMATION: "Arg Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.
                                                                                                                  49.4%; Score 80; DB 3; Length 100; 52.9%; Pred. No. 0.0065; tive 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Statiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                         3 KARAAKKARAAKKARAAKKARAAKKARA 36
                                                                                                                                                                                                                                                         ADDRESSEE: LYON & LYON
STREET: 633 West Fifth Street
STREET: 634 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
CITY: Los Angeles
COUNTY: U.S.A.
ZIP: 90071-2066
COMPUTER: California
COUNTY: U.S.A.
ZIP: 90071-2066
COMPUTER: READABLE FORM:
MADIUM TYPE: 31-8" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: READABLE FORM:
MEDIUM TYPE: STORAGE
COMPUTER: TO COMPATION SOFT FOR APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,899
FILING DATE: March 20, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WARDLY RICHARD AT INFORMATION:
NAME: WARDLY RICHARD AT INFORMATION:
NAME: WARDLY RICHARD AT INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Search completed: August 17, 2004, 16:14:26 Job time: 17.9109 secs

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Sequence 16, Application US/08346849

Fatent No. 5670433

GENERAL INFORMATION:

PAPLICANT: LANGE SHUGHER

APPLICANT: Holms, Takander

CITYLE OF INVENTION: THEREOR

NUMBER OF EQUENCES: ELPANITION: HEROX, SMITH & REYNOLDS, P.C.

STREET: Two Militia Drive

CITYLE Lexipquen

CITYLE READERSEE FORM:

CONDENTRY: U.S.A.

CONTRY: U.S.

CONTR
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                                                                                                                                    OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.

US-08-462-040-64
                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 52.9%; Pred. No. 0.0065;
Matches 18; Conservative 6; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 48.8%; Score 79; DB 1; Length 60; 55.6%; Pred. No. 0.0054; trive 5; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 KKARAAKKARAAKKARAAK--KARAAKKAR 35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 55.6
Matches 20; Conservative
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TYPE: amino acid
TYPE: TYPE: DINEAR

MOLECULE TYPE: protein
US-08-346-849-16
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 15
US-08-346-849-16
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Sequence 1, Appli Sequence 2, Appli

Sequence 12370, A Sequence 12370, A Sequence 12370, A Sequence 120, App Sequence 120, App Sequence 5. App 11 Sequence 5. App 11 Sequence 5. App 11 Sequence 5. App 11 Sequence 13, App 11 Sequence 13, App 11 Sequence 13, App 11 Sequence 13, App 12 Sequence 13, App 13 Sequence 114844, Sequence 1227, A Sequence 122491, A Sequence 12249

Sequence 125161

Title: Perfect score:

Run on:

Sequence:

Scoring table:

Searched:

Database

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APPLICANT: Watson, James D.
APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: Of Immunologically-Mediated Diseases of the Respiratory
TITLE OF INVENTION: System using Mycobacterium Vaccae
FILE REPERBRE: 11000.1008c2
CURRENT FILING DATE: 2002-01-18
PRIOR FILING DATE: 1990-09-17
PRIOR PRILING DATE: 1990-09-17
PRIOR PRILING DATE: 1999-09-17
PRIOR FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 223
6 US-10-262-209-1

6 US-10-240-430-2

US-10-1280-2

14 US-10-156-761-12370

5 US-10-369-493-17058

10 US-10-282-122A-66237

14 US-10-282-122A-66237

14 US-10-282-122A-66237

15 US-10-282-122A-66237

16 US-10-282-122A-66237

17 US-09-816-989A-6

18 US-09-816-989A-6

19 US-09-816-989A-5

10 US-10-282-122A-75047

2 US-10-282-122A-75047

2 US-10-282-122A-75047

2 US-10-282-122A-75047

2 US-10-229-567-3

4 US-10-229-567-27

2 US-10-282-122A-64817

2 US-10-282-122A-64817

2 US-10-282-122A-64817

4 US-10-282-122A-64817
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ilarity 72.2%; Score 104; DB 13; ilarity 72.2%; Pred. No. 4.5e-05; Conservative 0; Mismatches 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 201, Application US/10051643
Publication No. US20020197265A1
GENERAL INFORMATION:
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, Sequence 52, Application US/10205979
, Publication No. US20030147861A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GRGANISM: Mycobacterium vaccae US-10-051-643-201
    Query Match
Best Local Similarity
Matches 26; Conserv
    JS-10-051-643-201
                                                                                                                                                                                                                      TYPE: PRT
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Sequence 52, Appl
Sequence 55748, A
Sequence 59321, A
Sequence 7, Appl
Sequence 12, Appl
Sequence 16, Appl
Sequence 10221, A
Sequence 3, Appli
Sequence 3, Appli
Sequence 7, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 5, Appli
                                                                                                          August 17, 2004, 16:06:45; Search time 56.7624 Seconds (without alignments) 199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Description
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1: \cgn2_6/ptodata/1/pubpaa/US07_PUBCCMB.pep:*

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10: \cgn2_6/ptodata/1/pubpaa/US09E_PUBCCMB.pep:*

11: \cgn2_6/ptodata/1/pubpaa/US09E_PUBCCMB.pep:*

12: \cgn2_6/ptodata/1/pubpaa/US09E_PUBCCMB.pep:*

13: \cgn2_6/ptodata/1/pubpaa/US09C_PUBCCMB.pep:*

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15: \cgn2_6/ptodata/1/pubpaa/US10B_PUBCCMB.pep:*

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                     GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 US-10-051-643-201

4 US-10-205-979-52

2 US-10-282-122A-55148

US-10-282-122A-59321

US-10-282-122A-59321

US-10-282-122A-59321

US-09-816-989A-7

US-10-390-472-16

US-10-390-472-16

US-10-390-473-16

US-10-240-430-8

US-10-240-430-7

US-10-240-430-7

US-10-240-430-7

US-10-229-567-4
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Maximum Match 100%
Listing first 45 summaries
                                                                                 OM protein - protein search, using sw model
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Gapop 10.0 , Gapext
                                                                                                                                                                                                                                                                                                                                                Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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162
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Gaps

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401 40108 640108 70108 840108 70108

111111 12848648831

Score

Result No.

us-09-496-391-13.rapb

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JS-10-282-122A-68109
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LENGTH: 428
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APPLICANT:
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRAN.034A
CURRENT APPLICATION NUMBER: 105/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          64.2%; Score 104; DB 14; Length 223; 72.2%; Pred. No. 4.5e-05; cive 0; Mismatches 10; Indels (
                                                                                             TITLE OF INVENTION: Compounds and Methods for the Modulation TITLE OF INVENTION: Compounds and Methods for the Modulation TITLE OF INVENTION: Of Immune Responses FILE REPERBUCE: 1100-1163U SCHOOLS, 979 CURRENT APPLICATION NUMBER: US/10/205, 979 CURRENT FILING DATE: 2002-07-25 PRIOR PILING DATE: 2001-07-26 NUMBER OF SEQ ID NOS: 52 SOFTWARE: PastSEQ for Windows Version 4.0 SEQ ID NO 52 LENGTH: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        141 ATKAAPAKKATAAKKAAPAKKATAAKKAAPAKKAPA 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AKKARAAKKARAAKKARAAKKARAAKKARA 36
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Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR PLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/20,335
PRIOR PLING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/23,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-22
PRIOR PELING DATE: 2000-11-22
PRIOR PELING DATE: 2000-11-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR PELING DATE: 2000-10-22
PRIOR PELING DATE: 2000-10-22
PRIOR PELING DATE: 2000-10-22
                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Mycobacterium vaccae
US-10-205-979-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mang, Liangsu

Zamudio, Carlos

Malone, Cheryl

Haselbeck, Robert

Ohlsen, Kari

Zyskind, Julith

Wall, Daniel

Trawick, John

Carr, Grant
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NO 55748
                         APPLICANT: Watson, James D. APPLICANT: Tan, Paul L. J. APPLICANT: Abernethy, Nevin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Yamamoto, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 26; Conserv
  GENERAL INFORMATION:
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A.
GURRENT APPLICATION NUMBER: 08/10/282,122A
CURRENT FILING DATE: 2003-02-2
FRIOR APPLICATION NUMBER: 60/191,078
FRIOR PELICATION NUMBER: 60/206,848
FRIOR FILING DATE: 2000-05-23
FRIOR FILING DATE: 2000-05-26
FRIOR FILING DATE: 2000-05-26
FRIOR FILING DATE: 2000-05-26
FRIOR FILING DATE: 2000-05-26
FRIOR FILING DATE: 2000-09-06
FRIOR FILING DATE: 2000-09-09
FRIOR FILING DATE: 2000-09-09
FRIOR FILING DATE: 2000-10-23
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-22
FRIOR FILING DATE: 2001-02-09
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NUMBER OF SEQ ID NOS: 78614
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0
                                                                                                                  Length 428;
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                                                                                                                                                                             Indels
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                                                                                                  5; DB 12;
0.012;
ches 6;
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                                                                                                                                                                                                                                                                            228 AEAAKKAAAAEKA-AAEKAAAAEKAAADKKAAA 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 AKKARAAKKARAAKKARAAKKARAAKKA 34
                                                                                                                                                                                                                                        4 ARAAKKARAAKKARAAKKARAAKKARA 36
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64.7%; Pred. No. 0.012;
tive 0; Mismatches
                                                                                                                                                                             3; Mismatches
                                                                                                            Score 85.5;
Pred. No. 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-122A-55748
                                                                                                               Query Match
Best Local Similarity 69.7%;
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlo:
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 22; Conserv
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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CORRESPONDENCE ADDRESS:
ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 50.6%; Score 82; DB 9; Length 243; Best Local Similarity 57.6%; Pred. No. 0.018; Matches 19; Conservative 6; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match
51.2%; Score 83; DB 9; Length 109;
Best Local Similarity 60.0%; Pred. No. 0.0064;
Matches 24; Conservative 4; Mismatches 8; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  j ractul NO. USZOVZOLIUSLIALI
GENERAL INFORMATION:
APPLICANT: LEVINE, et al.
TITLE OF INVERMINE, et al.
TITLE OF INVERMINE, et al.
TITLE OF INVERTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT PILING DATE: 2001-01-26
PRIOR PRILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 136776
PRIOR PILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PACENTIN VERSION 3.0
LENGTH: 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 KKARAAKKARAAKKARAAKKARAAKKA 34
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PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
LENGTH: 109
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Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 127, Application US/09771161A patent No. US20020110811A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 16, Application US/10390472
Publication No. US20040087013A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-771-161A-127
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                                                                                                                                                                                                                                                                                                                                       US-09-816-989A-7
                                                                                                                                                                                                         TYPE: PRT
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Patent No. US20020115103A1

GENERAL INFORMATION:

APPLICANT: Gad, Alexander

APPLICANT: Lis, Doris

TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REPERENCE: 2609/60807-A-PCT-US

CURRENT APPLICATION NUMBER: US/09/816,989A

CURRENT FILING DATE: 1998-09-25

PRIOR APPLICATION NUMBER: 60/101,693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANI:
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITEA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/207,27
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PELING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-66
PRIOR FILING DATE: 2000-05-66
PRIOR FILING DATE: 2000-01-03
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-04
PRIOR PLING DATE: 2001-02-04
PRIOR PLING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR PLING DATE: 2001-02-05
PRIOR PLING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR PLING DATE: 2001-02-05
PRIOR PLING DATE: 2001-02-03
PRIOR PLING DATE: 2001-03-03
PRIOR PLING DATE: 2001-
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                                                                  Sequence 59321, Application US/10282122A
Sequence 59321, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Wall, Daniel
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Yamanoto, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .
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; ORGANISM: Klebsiella pneumoniae
US-10-282-122A-59321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               51.9%;
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Best Local Similarity
Matches 24; Conserv
                                                    US-10-282-122A-59321
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US-09-816-989A-7
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Query Match Best Local Similarity Matches 22; Conserv

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COUNTRY: U.S.A.

IIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Max-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 KKARAAKKARAAKKARAAK--KARAAKKAR 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 ккаалакккааакккааакаккиккикки
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48.8%; Score 79; DB 16;
Best Local Similarity 55.6%; Pred. No. 0.011;
Matches 20; Conservative 5; Mismatches 9
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US/08/293,284
RILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK, David E.
REGISTRATION NUMBER: 22,592
REPERRORE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: IKEDA, HARUO
APPLICANT: IKEDA, HARUO
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: SHIKAWA, HIROSHI
APPLICANT: SHIRAWA, HIROSHI
APPLICANT: SHRAM, TADAYOSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-20
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-05-30
NUMBER OF SEQ ID NOS: 15109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10221, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Streptomyces avermitilis US-10-156-761-10221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 60 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-390-472-16
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Sequence 3, Application US/09816989A

Sequence 3, Application US/09816989A

Fatent No. US2002011103A1

GENERAL INPORMATION:

TITLE OF INVENTION:

FILE REFERENCE: 2609/60807-A-PCT-US

FURRENT FILING DATE: 1909-09-25

FRIOR APPLICATION NUMBER: 60/101,693

FRIOR RILING DATE: 1999-09-24

NUMBER OF SEQ ID NOS: 7

SOFTWARE: PATENT OF SEQ ID NOS: 7

SOFTWARE: PATENT OF SEC ID NOS: 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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Sequence 8, Application US/10240430
| Publication No. US20040110926A1
| General Increment No. US20040110926A1
| General Increment No. US20040110926A1
| APPLICANT: Crisanti, Andrea APPLICANT: Esseghir, Selma TITE OF INVENTION: Peptide Conjugates for Drug Delivery FILE REPRENCE: 2003-04-15
| CURRENT ILING DATE: 2003-04-12
| PRIOR APPLICATION NUMBER: PCT/GB01/01697
| PRIOR FILING DATE: 2001-04-12
| PRIOR FILING DATE: 2001-04-05
| PRIOR FILING DA
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Pred. No. 0.025;
6; Mismatches 10;
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46.6%; Score 75.5; DB 9;
Best Local Similarity 62.2%; Pred. No. 0.025;
Matches 23; Conservative 2; Mismatches 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  46.68;
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ORGANISM: Artificial Sequence
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Best Local Similarity 50.0°
Matches 19; Conservative
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ORGANISM: Homo sapiens
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US-09-816-989A-3
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Gaps

47.2%; Score 76.5; DB 14; Length 217; 59.5%; Pred. No. 0.071;

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Query Match

46.6%; Score 75.5; DB 16; Length 130;
Best Local Similarity 50.0%; Pred. No. 0.057;
Matches 19; Conservative 6; Mismatches 10; Indels 3.
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Essequir, Selma
TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REPERENCE: GJB-6402
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT FILING DATE: 2003-04-15
PRIOR PILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR PILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 5
LENGTH: 130
"WHEN DELIVER DELIVER
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ORGANISM: Homo sapiens
US-10-240-430-5
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Best Local Similarity 50.0%; Pred. No. 0.057;
Matches 19; Conservative 6; Mismatches 10; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 46.6%; Score 75.5; DB 16; Length 66; Best Local Similarity 50.0%; Pred. No. 0.03; Matches 19; Conservative 6; Mismatches 10; Indels
                                              Sequence 7, Application US/10240430

| Bublication No. US20040110928A1
| Publication No. US20040110928A1
| CARERAL INFORMATION:
| APPLICANT: Crisanti, Andrea
| APPLICANT: Crisanti, Andrea
| APPLICANT: Crisanti, Andrea
| TITLE OF INVERTION: Peptide Conjugates for Drug Delivery
| FILE REFERENCE: GJE-6402
| CURRENT APPLICATION NUMBER: US/10/240,430
| CURRENT FILING DATE: 2001-04-15
| PRIOR APPLICATION NUMBER: PCT/GB01/01697
| PRIOR APPLICATION NUMBER: UK 0102667.3
| PRIOR APPLICATION NUMBER: UK 0009080.3
| PRIOR APPLICATION NUMBER: UK 0009080.3
| PRIOR PILING DATE: 2001-02-02
| PRIOR PILING DATE: 2000-04-12
| NUMBER OF SEQ ID NOS: 14
| SOFTWARE: Patentin version 3.1
| SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            VS-10-155-209-2

Sequence 2, Application US/10262209

Sequence 2, Application US/10262209

Publication No. US20030125239A1

GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Esseghir, Selma
ITILE OF INVENTION: Compositions for Drug Delivery
ITILE OF INVENTION: Compositions for Drug Delivery
FILE REPERBENCE: 403-003

CURRENT APPLICATION NUMBER: US/10/262,209

CURRENT FILING DATE: 2002-09-30

PRIOR APPLICATION NUMBER: US/10/699

PRIOR PILING DATE: 2001-04-12

PRIOR PILING DATE: 2001-04-12

PRIOR PILING DATE: 2001-04-12

NUMBER OF SEQ ID NOS: 2

SOFTWARR: Patentin version 3.1

LENGTH: 130
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US-10-240-430-5
; Sequence 5, Application US/10240430
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ORGANISM: Homo sapiens
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Gaps

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Cohavy, Offer TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIN RC-DOS/MS-DOS
SOFTWARE: PatentIN Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
CIASSIFICATION: VURNCOWN>
PROPLICATION NUMBER: US/09/417,264
FILING DATE: CURNCOWN>
APPLICATION NUMBER: US 09/041,889
FILING DATE: CURNCOWN>
APPLICATION NUMBER: US 09/041,889
FILING DATE: CURNCOWN>
APPLICATION NUMBER: US 09/041,889
FILING DATE: CALLYON
NUMBER: 31,815
REPERENDE/POCCET NUMBER: 31,815
                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
                       Sequence 4, Application US/10229567
Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS
US-10-229-567-4
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TYPE: amino acid

TOPOLOGY: linear

TOPOLOGY: linear

MAME/KEY: Peptide

LOCATION: 1..218

OTHER INFORMATION: /note= "product = Human Histone

H.-S-4"

SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-10-229-567-4

Query Match

Best Local Similarity 50.0%; Pred. No. 0.093;

Matches 19; Conservative 6; Mismatches 10; Indels 3; Gaps 1;

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Search completed: August 17, 2004, 17:19:16 Job time : 56.7624 secs

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23619, A
221489, A
220468, A
220468, A
1123468, A
117, A
117, A
118611, A
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                                        Sequence
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                                                                                                                                                                                                        Sequence
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US-08-660-592-9

Sequence 9, Application US/08660592

Patent No. 5877153

GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SECUENCES: 11
CORRESPONDENCE ADDRESS:
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Vizginia
STATE: Vizginia
COUNTRY: United States
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: DE-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CLASSIFICATION NUMBER: US/08/660,592
FILING DATE: 11-TUN-1996
CLASSIFICATION NUMBER: US/08/660,592
FILING DATE: NUMBER: US/08/660,592
FILING DATE: NUMBER: US/08/660,592
FILICATION NUMBER: US/08/660,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 52; DB 2; Length 21; Fred. No. 0.075; 3; Indels 0; Mismatches 3; Indels
US-09-252-991A-23619
US-09-252-991A-20284
US-09-252-991A-20284
US-09-252-991A-20468
US-09-489-038-12347
US-08-486-7038-12347
US-08-486-7038-12347
US-08-486-7038-12347
US-09-252-991A-32618
US-09-252-991A-32618
US-09-252-991A-32618
US-09-252-991A-23618
US-09-252-991A-23678
US-09-252-991A-231734
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80.0%;
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ARRAAARAARRAAAR 19
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Best Local Similarity 80.0
Matches 12, Conservative
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MOLECULE TYPE: peptide
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 STRANDEDNESS:
 US-08-660-592-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 11500, A Sequence 25537, A Sequence 28125, A Sequence 17011, A Sequence 22267, A Sequence 22267, A Sequence 22412, A Sequence 23412, A Sequence 23412, A Sequence 23463, A Sequence 23412, A Sequence 23463, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9, Appli
Sequence 7, Appli
Sequence 28327, A
                                                                                       August 17, 2004, 15:50:03; Search time 7.9604 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                          GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
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US-09-166-930A-7

US-09-252-931A-28327

US-08-660-592-6

US-09-252-991A-23880

US-09-252-991A-23880

US-09-252-991A-23880

US-09-252-991A-23880

US-09-252-991A-28696

US-09-252-991A-28696

US-09-252-991A-3108

US-08-660-592-8

US-08-660-592-8

US-08-660-592-8

US-09-166-930A-2

US-09-166-930A-2

US-09-166-930A-2

US-09-252-991A-28125

US-09-252-991A-23453
                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                           389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                protein search, using sw model
                                                                                                                                                                                                  BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                        1 ARRKAARAARRKACRA 16
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length: 2000000000
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Match Length
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Perfect score:
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Maximum DB seq
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                                                                                                                                                                                                                                           Searched:
                                                                                           Run on:
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No.
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CORRESPONDENCE ADDRESS:
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Best Local Similarity
Matches 11; Conserva
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 10796.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , OTHER INFORMATION: Description of Artificial Sequence:branched-chain , OTHER INFORMATION: heparin-binding peptide Arg Helix #5 US-09-166-930A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 67.5%; Score 52; DB 3; Length 21; Best Local Similarity 80.0%; Pred. No. 0.075; Matches 12; Conservative 0; Mismatches 3; Indels
                                                                                              GENERAL INCORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: HARRIS, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
CURRENT APPLICATION NUMBER: US 08/660,592
PRIOR APPLICATION NUMBER: US 08/660,592
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NOVEL HEPARIN BINDING PEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PLING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28327
LENGTH: 743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 28327, Application US/09252991A; Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/08660592
Patent No. 2877153
GENERAL INFORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN
NUMBER OF SEQUENCES: 11
                                                  Sequence 7, Application US/09166930A Patent No. 6200955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 71.49
Matches 10, Conservative
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          SULT 2
-09-166-930A-7
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ADDRESSED: SURVEY DOANS, SMECKER & WATHIS
STREET: P.O. BOX LOAD
CTIVE: Alexandria 100
CTIVE: Alexandria 100
CTIVE: Alexandria 100
CTIVE: Wighlia
CONDENS. United States
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CLASSITIONION: SITUATION DATA:
CLASSITIONION: SITUATION NUMBER: US/06/06.592
FILING DATE: LI-UN-1996
CTIVE: AND CONDENS. US STATES
CONDENS. (700) 386-620
CTIVE: AND CONDENS. (700) 386-620
CTIVE: ALEXANDRIAN DATA:
CONDENS. (100) 386-620
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CTIVE. (100) 386-620
CONDENS. (100) 386-
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Sequence 23196, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR PELICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 23196
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DB 4; Length 358;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 133
                                                3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 4;
                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 46; DB Pred. No. 3.7; 3; Mismatches
              Score 47;
Pred. No.
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23880
              61.0%;
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                                                                                                                 87 RTARRASRRGACRA 100
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         Query Match
Best Local Similarity 71.45
Matches 10; Conservative
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Best Local Similarity 64.3
Matches 9, Conservative
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Matches 10; Conservative
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US-09-252-991A-23880
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US-09-252-991A-23196
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US-09-252-991A-28696
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APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND THERAPBUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPBUTICS

FILE REFERRNCE: 107196,136

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 358
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                                                                                                                                                                                                      2; Indels
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Pred. No. 0.38;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INCORMATION:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
FILE REPERENCE: 006338-006
CURRENT APPLICATION NUMBER: US/09/166,930A
CURRENT PILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: US 08/660,592
PRIOR APPLICATION NUMBER: US 08/660,592
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                   Score 47; DB 2;
Pred. No. 0.38;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09166930A Patent No. 6200955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30170
                                                                                                                                                                   61.0%;
84.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 84.6%;
Matches 11; Conservative
                                          LENGTH: 19 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                       1 ARRKAARAARKA 13
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                                                                                                                                                                                                    11; Conservative
                             SEQUENCE CHARACTERISTICS:
           INFORMATION FOR SEQ ID NO:
                                                                                            TOPOLOGY: linear y MOLECULE TYPE: peptide US-08-660-592-6
                                                                                                                                                                   Query Match
Best Local Similarity
Matches 11; Conserva
                                                                                                                                                                                                                                                                                                                                           US-09-166-930A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-166-930A-1
                                        LENGTH:
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LENGTH: 19
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Length 16;
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VESCUENCE 3, Application US/08660592

Sequence 3, Application US/08660592

Sequence 3, Application US/08660592

Sequence 3, Application US/08660592

SERVEATING SEQUENCES:
APPLICANT: HARRIS, Robert B.
APPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STRATE: Virginia
COUNTRY: United States
ZIPATE: Virginia
CONFUTER: ELEMABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CONFUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: ILM PC COMPATION:
APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-UN-1996
CLASSIFICATION NUMBER: 39,300
REPERBRANCE DOCKET NUMBER: 39,300
REPERBRANCE (703) 836-620

TELEPHONE: (703) 836-2021
INFORMATION FOR SEQ IB NO: 3:
                                                COMPUTER READABLE FORM:
MEDIUW TYPE: FORM:
MEDIUW TYPE: FORM:
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTAATING SYSTEM: PC-DOS/MS-DOS
SOFTAATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660.592
FILING DATE: 11-JUN-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MCGOWAN, MAICOLM K.
REGISTRATION NUMBER: 39,300
REFERRENCE/DOCKET NUMBER: 39,300
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SAG-2021
INFORMATION ES TO ID NO: 2:
SEQUENCE CHRARACTERISTICS:
LENGTH: 16 amino acids
were.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57.1%; Score 44; DB 2; 90.9%; Pred. No. 0.91; Live 0; Mismatches
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 90.9
Matches 10, Conservative
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LENGTH: 16 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , MOLECULE TYPE: peptide US-08-660-592-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                  APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR PELICATION NUMBER: US 60/074,788
PRIOR PILITATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28696
LENGTH: 411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: MACCO: Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107156.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 464
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Patent No. 5877153

GENERAL INFORMATION:
APPLICANT: BARRIS, Robert B.
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
INVERSPONDENCE ADDRESS:
ADDRESSEE: BLONS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 33108, Application US/09252991A Patent No. 6551795 GENERAL INFORMATION:
     Sequence 28696, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-33108
                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARRKAARAARAARRKACRA 16
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15 RRRSRSARRCACEA 29
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Best Local Similarity 62.55
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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US-09-252-991A-33108
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US-08-660-592-2
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0
                                                                                                                        57.1%; Score 44; DB 2; Length 16; 90.9%; Pred. No. 0.91; tive 0; Mismatches 1; Indels
                                                                                                                                                                            1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57.1%; Score 44; DB 2; Length 16; 90.9%; Pred. No. 0.91;
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                                                                                                                                                                                                                                                                                                                                                                                   Sequence 79.2 / Application US/08660592

Betent No. 5877153

Betent No. 5877150

Betent No. 5877150

GENERAL INFORMATION

APPLICANT: NFORMATION: NOVEL HEPARIN BINDING PEPTIDES

ITILE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES

NUMBER OF SEQUENCES: 11

CORRESSEE: BUNNS, DOANE, SWECKER & MATHIS

STREET: P.O. BOX 1404

CITY: Alexandria States

STATE: Virginia

CONTYRY: United States

ZIP: 22313-1404

COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC LOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: 15,006 60,592

FILING DATE: 11-UTW-1996

CLASSIFTCATION NUMBER: 39,300

REFERENCE/DOCKET NUMBER: 39,300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-660-592-8
; Sequence 8, Application US/08660592
; Patent No. 15877153
; APPLICANT: HARRIS, Robert B.
; APPLICANT: SOBEL, Michael
; TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
; NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 16 amino acids TYPE: amino acid
                                                                                                                     Query Match
Best Local Similarity 90.9
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 90.9
Matches 10; Conservative
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-660-592-3
                                                                                                                                                                                                                        1 ARRKAARAARR 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                 RESULT 14
US-08-660-592-7
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CORRESPONDENCE ADDRESS:
ADDRESSES:
ADDRESSES:
BURNS, DOANE, SWECKER & MATHIS
CITY: Alexandria
STATE: V.O. Box. 1404
CITY: Alexandria
STATE: P.O. Box. 1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
MEDIUM TYPE: Tloppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATION
MEDICATION NUMBER: US/08/660,592
CURRENT APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-CHOWN NUMBER: US/08/660,592
FILING DATE: 11-CHOWN NUMBER: US/08/660,592
FILING DATE: 11-CHOWN NUMBER: US/08/660,592
FILING DATE: TWORKET NUMBER: US/08/660,592
FILING DATE: MAIOOIM K.
REGISTRATION NUMBER: US/08/60,592
FILING DATE: MAIOOIM K.
REFERENCE/DOCKET NUMBER: US/06/38-001
TELEPAX: (703) 83-6-620
FILING TARANTERISTICS:
FILING CAPARACTERISTICS:
FILING CHARACTERISTICS:
FILING CONSERVATIVE US/08/60,592
FILING CONSERVAT
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Search completed: August 17, 2004, 16:14:32 Job time : 13.9604 secs

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August 17, 2004, 16:06:45 ; Search time 25.2277 Seconds (without alignments) 199.100 Million cell updates/sec
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1. /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMS.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1292805 segs, 313927144 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                    OM protein - protein search, using sw model
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Searched:
                                                                                                                                                                                                                                Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	script	Sequence 7651, Ap	Sequence 3, Appli	Seguence 193124,	Seguence 150694,	Seguence 65262, A	Sequence 1, Appli	Sequence 45695, A	Sequence 46600, A	Sequence 62125, A	Sequence 62126, A	Sequence 62127, A	Sequence 148098,	Sequence 39, Appl	Sequence 58, Appl	Sequence 55, Appl
SUMMARIES	ID	US-10-369-493-7651	US-09-905-691-3	US-10-437-963-193124	US-10-437-963-150694	US-10-282-122A-65262	US-09-905-691-1	US-10-282-122A-45695	US-10-282-122A-46600	US-10-425-114-62125	US-10-425-114-62126	US-10-425-114-62127	US-10-437-963-148098	US-09-847-102A-39	US-09-847-102A-58	US-10-285-976-55
	DB	15	12	16	16	12	12	12	12	12	12	12	16	10	10	14
	Query Match Length DB	565	19	303	396	1593	16	77	77	164	169	169	210	533	591	591
de	Query Match	62.3	61.0	59.7	58.4	58.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
	Score	48	47	46	45	4.5	44	44	44	44	44	44	44	44	44	44
	Result No.		7	ო	4	5	9	7	80	σ	10	11	. 12	13	14	15

RESULT

equence 36, equence 128, equence 36, equence 128, equence 423,	e 12156 e 6, Ag e 4530, e 10506	e 37348, e 255433 e 185856 e 2, App	equence 2, Appl equence 106504, equence 163788, equence 142688,	900000	25, A 26, A
US-10-099-322-36 US-10-099-322-128 US-10-044-564-36 US-10-044-564-128 US-10-408-765A-423	US-10-156-761-121 US-10-084-846A-6 US-09-864-408A-45 US-10-437-963-105	US-10-425-114-3734 US-10-424-599-2554 US-10-437-963-1858 US-09-839-577A-2	US-10-455-713-2 US-10-437-963-10650 US-10-437-963-16378 US-10-437-963-14268	US-10-437-963-18826 US-10-437-963-16630 US-10-437-963-176830 US-10-425-114-46374 US-10-437-963-16291	6 US-10-437-963-123120 2 US-10-282-122A-49998 2 US-10-282-122A-49089 2 US-10-282-122A-50517 5 US-10-099-322-129 6 US-09-847-129 6 US-09-847-102A-59 6 US-10-099-322-126
591 1 591 1 591 1 591 1	073 1 662 1 72 1 94 1	4260	116 120 120 110 120 110	100000	3318 3354 3354 5503 12549 5591 5991 150 150 150 150 150 150 150 150 150 15
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ALIGNMENTS

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Sequence 7651, Application US/10369493
; Bublication No. US2003023367541
; GENERAL INPORMATION:
    APPLICANT: Cao, Yongwei
    APPLICANT: Galdman, Barry S.
    APPLICANT: Chen, Xianfeng
    TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
    TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
    FILE. REFERENCE: 38-10 (52052)8
    CURRENT APPLICATION WHORER: US 40/360,039
    FILE REFERENCE: 2003-02-28
    FRIOR FILING DATE: 2002-02-21
    NUMBER OF SEQ ID NOS: 47374
    SEQ ID NO 7651

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62.3%; Score 48; DB 15;
Best Local Similarity 68.8%; Pred. No. 49;
Matches 11; Conservative 2; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (1)..(565)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      367 ARR--RAARRGCRA 380
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Burkholderia cepacia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARRKAARAARRKACRA 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: unsure
LOCATION: (1)..(9
-10-369-493-7651
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APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbaruk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT PEPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 203-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 150694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Carr, Grant
APPLICANT: Carr, Grant
APPLICANT: Carr, Grant
APPLICANT: Vamanoco, Robert
APPLICANT: Yamanoco, Robert
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034-02-20
CURRENT APPLICATION NUMBER: 05/191,078
PRIOR PLILNG DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PLILNG DATE: 2000-05-23
PRIOR PLILNG DATE: 2000-05-23
PRIOR PLILNG DATE: 2000-05-26
PRIOR PLILNG DATE: 2000-09-06
PRIOR PLILNG DATE: 2000-09-06
PRIOR PLILNG DATE: 2000-09-06
PRIOR PLILNG DATE: 2000-10-23
PRIOR PLILNG DATE: 2000-11-27
PRIOR PLILNG DATE: 2000-10-23
PRIOR PLILNG DATE: 2000-10-22
PRIOR PLILNG DATE: 2000-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 58.4%; Score 45; DB 16; Length 396; Best Local Similarity 57.1%; Pred. No. 96; Matches 8; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: unsure;
COCATION: (1)..(396)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
FEATURE:
CTHER INFORMATION: Clone ID: PAT_MRT4530_50908C.1.pep
US-10-437-963-150694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 65262, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Alane, Kari
APPLICANT: Alaen, Kari
APPLICANT: Cyskind, Judith
APPLICANT: Tawick, John
APPLICANT: Trawick, John
APPLICANT: Tawick, John
APPLICANT: Tawick, John
APPLICANT: Tawick, John
APPLICANT: Yamanoto, Robert
Kovalic, David K.
Zhou, Yihua
Cao, Yongwei
Wu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |||:|| ::||: |
95 ARRRASSSRRRC 108
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                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-282-122A-65262
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Xihua
APPLICANT: Zhou, Xihua
APPLICANT: Cao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbauk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-65-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 193124
US-09-905-691-3
; Sequence 3, Application US/09905691
; Publication No. US20020164329A1
; GENERAL INFORMATION:
; APPLICANT: Harris, Robert B.
; APPLICANT: Wolz, Gabriella
; TITLE OF INVENTION: Absorption and Removal of Endotoxin from Physiological
; TITLE OF INVENTION: Absorption and Removal of Endotoxin from Physiological
; TITLE OF INVENTION: Absorption
; TITLE OF INVENTION: Pluids Using Cationic Helix Peptides
; TITLE OF INVENTION: 2.001-02-14
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match 61.0%; Score 47; DB 12; Length 19; Best Local Similarity 84.6%; Pred. No. 3.1; Matches 11; Conservative 0; Mismatches 2; Indels
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Sequence 193124, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
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Publication No. US20040123343A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Arginine Helix #2
US-09-905-691-3
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264 ASRRGRAARGRSCRA 279
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARRKAARAARRKACRA 16
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Best Local Similarity 56.2
Matches 9; Conservative
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 4
US-10-437-963-150694
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à Db APPLICANT: La Rosa, Thomas J.

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Sequence 1, Application US/09905691

GENERAL INFORMATION:

APPLICANT: Harris, Robert B.

APPLICANT: Harris, Robert B.

APPLICANT: Wolz, Russell L.

APPLICANT: Wolz, Gabriella

TITLE OF INVENTION: Adsorption and Removal of Endotoxin from Physiological

TITLE OF INVENTION: Adsorption and Removal of Endotoxin from Physiological

TITLE OF INVENTION: Pluids Using Cationic Helix Peptides

FILE REFERENCE: 006338-017

CURRENT APPLICATION NUMBER: US/09/905,691

MUMBER OF SEQ ID NOS: 5 201-02-14

NUMBER OF SEQ ID NOS: 5 201-02-14

SEQ ID NO 1

IENGTH: 16
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION UMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 65262
LENGTH: 1593
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
; OTHER INFORMATION: Arginine Helix #3
US-09-905-691-1
                                                                                                                                                                        TYPE: PRT
ORGANISM: Neisseria gonorrhoeae
US-10-282-122A-65262
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ORGANISM: Artificial Seguence
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APPLICANT: Famudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Syskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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1165 AKRKAAESAKRKA 1177
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Best Local Similarity 90.9
Matches 10; Conservative
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US-10-282-122A-45695
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APPLICANT:
APPLICANT:
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APPLICANT:
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR PLICATION NUMBER: 60/207,727
PRIOR PLILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR PLING DATE: 2000-11-22
PRIOR PLING DATE: 2000-11-22
PRIOR PLING DATE: 2000-11-22
PRIOR PLING DATE: 2000-11-22
PRIOR PLING DATE: 2001-12-22
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-06
PRIOR PLING DATE: 20
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APPLICANT: Vanamoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
TILLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELTRA.034A
CURRENT APPLICATION WHERE: 2003-02-20
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Pred. No. 30;
0; Mismatches 5;
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PRICA PAPLICATION NUMBER: 60/191,078
PRICA PAPLICATION NUMBER: 60/191,078
PRICA PAPLICATION NUMBER: 60/206,848
PRICA PAPLICATION NUMBER: 60/207,727
PRICA PAPLICATION NUMBER: 60/207,727
PRICA PAPLICATION NUMBER: 60/230,335
PRICA PAPLICATION NUMBER: 60/230,347
PRICA PAPLICATION NUMBER: 60/230,347
PRICA PAPLICATION NUMBER: 60/230,347
PRICA PAPLICATION NUMBER: 60/240,578
PRICA PAPLICATION NUMBER: 60/240,578
PRICA PRILNG DATE: 2000-09
PRICA PAPLICATION NUMBER: 60/242,578
PRICA PRILNG DATE: 2000-10-23
PRICA PAPLICATION NUMBER: 60/242,578
PRICA PRILNG DATE: 2000-10-23
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Maselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
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; ORGANISM: Bacillus anthracis
US-10-282-122A-45695
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Best Local Similarity 64.3
Matches 9; Conservative
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US-10-282-122A-46600
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CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 73128 LENGTH: 169
                                                                                          TYPE: PRT
ORGANISM: Zea mays
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ORGANISM: Zea mays
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US-10-437-963-148098
                                                                                                                                      FEATURE:
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Sequence 62125, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Stou, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 62125

LENGTH: 164
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Publication No. US2004003488BA1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Screen, Steven E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: US/10/425,114
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PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-03-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SEC_ID NO 46600
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                                                                                                                                                                                                                                                                                                                                   57.1%; Score 44; DB 12; Length 77; 64.3%; Pred. No. 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Clone ID: LIB3969-011-F11_FLI.pep
US-10-425-114-62125
                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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                                                                                                                                                                                                                                                                  ORGANISM: Bacillus anthracis
                                                                                                                                                                                                                                                                                                                                                                                                                           1 ARRKAARAARRKAC 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 AGRKGGRAKRRKVC 15
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Matches 9; Conservative
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US-10-425-114-62126
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14 NUMBER OF SEQ ID NOS: 204966 SEQ ID NO 148098
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 62127
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                                                                                  Length 169;
                                                                                                                                    Indels
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; OTHER INFORNATION: Clone ID: LIB3732-053-B9_FLI.pep
US-10-425-114-62126
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US-10-425-114-62127
                                                                                  12;
                                                                             57.1%; Score 44; DB 56.2%; Pred. No. 61; tive 3; Mismatches
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boubarov, Andrey A.
APPLICANT: Boubazuk, Barad
APPLICANT: Li, Ping,
                                                                                                                                                                                                                                                                                                                                                         Sequence 62127, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
                                                                                                                                                                                    1 ARRKAARAARRKACRA 16
                                                                                                                                                                                                                                 62 ARRGAASARTRPCRS 77
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                                                          Query Match
Best Local Similarity 56.2*
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Best Local Similarity 56.2
Matches 9; Conservative
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Length 591;

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Query Match
Best Local Similarity 66.7%;
Matches 10; Conservative 1
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     ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-847-102A-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
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US-09-84--102A-58

i Sequence 58, Application US/09847102A

i Publication No. US20030044409A1

i GENERAL INFORMATION:
APPLICANT: University of California
APPLICANT: Corr, Maripat
APPLICANT: Corr, Maripat
APPLICANT: APHONOSITION: Thee, Chae-Seo
APPLICANT: Malini, Sen
TITLE OF INVENTION: IMMUNICGIC COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: STUDYING AND TREATING CANCERS EXPRESSING FRIZZLED ANTIGENS
TITLE OF INVENTION: STUDYING AND TREATING CANCERS EXPRESSING FRIZZLED ANTIGENS
TITLE OF INVENTION: 2000-20622.00
CURRENT FILING DATE: 2001-05-01

CURRENT FILING DATE: 2001-05-01

NUMBER OF SEC ID NOS: 138

SOFTMARE: FRISEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: University of California
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Dennis A.
APPLICANT: Carson, Cae-Seo
APPLICANT: Lorenzo, Leoni M.
APPLICANT: Malini, Sen
TITLE OF INVENTION: IMMUNOLOGIC COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: STUDYING AND TREATING CANCERS EXPRESSING FRIZZLED ANTIGENS
TITLE OF INVENTION: LOSO 20629,00
CURRENT PAPLICATION NUMBER: US/09/847,102A
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 138
CURRENT FILING DATE: 2001-05-01
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 39
LENGTH: 533
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                                                                                                                                                                                                                                                                    Query Match 57.1%; Score 44; DB 16; Length 210; Best Local Similarity 53.3%; Pred. No. 74; Matches 8; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        57.1%; Score 44; DB 10; Length 533; 66.7%; Pred. No. 1.7e+02; Live 1; Mismatches 4; Indels
                                                                                                                                                                                             ) OTHER INFORMATION: Clone ID: PAT_MRT4530_48563C.1.pep
US-10-437-963-148098
                                                                                                                   LOCATION: (1)...(210)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 13
US-09-847-102A-39
US-09-847-102A-39
Sequence 39, Application US/09847102A
Publication No. US20030044409A1
GENERAL INFORMATION:
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Best Local Similarity 66.78
Marches 10; Conservative
                          TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                              NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-847-102A-39
LENGTH: 210
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LENGTH: 591
                                                                       FEATURE
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Sequence 55, Application US/10285976

Sequence 55, Application US/10285976

Publication No. US2033016550A1

GENERAL INFORMATION:

APPLICANT: Maini, Sen

APPLICANT: Mu, Christina

APPLICANT: Corr, Maripat

APPLICANT: Or NUMER: O. He University of California

TITLE OF INVENTION: in Head and Neck Squamous Cell Carcinomas

TITLE OF INVENTION: in Head and Neck Squamous Cell Carcinomas

TITLE OF INVENTION NUMBER: US 60/287,995

PRIOR FILING DATE: 2002-05-01

PRIOR APPLICATION NUMBER: WO PCT/US02/13802

PRIOR FILING DATE: 2002-05-01

PRIOR FILING DATE: 2002-05-01

WIMBER OF SEQ ID NOS: 232

SOFFWARE: PatentIn Ver. 2.1

SEQ ID NO 55

LENGTH: 591

TVDE: DATE

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Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 1; Mismatches 4; Indels
Score 44; DB 10;
Pred. No. 1.9e+02;
1; Mismatches 4;
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US-10-285-976-55
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us-09-496-391-36.rai

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-09-252-991A-29581
43, Appl
27, Appl
27, Appl
10, Appl
11, Appl
11,
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                                                                                                                                                            August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
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Sequence 1
Sequence 2
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                      GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-252-991A-29581
US-08-857-3098-43
US-08-993-674A-43
US-08-993-674A-43
US-09-256-976-43
US-09-256-976-43
US-09-256-976-43
US-09-256-976-43
US-09-256-976-43
US-09-256-976-43
US-09-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-677-304-11
US-08-436-7038-3
US-08-436-7038-3
US-08-436-7038-3
US-08-436-7038-5
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                 protein search, using sw model
                                                                                                                                                                                                                                                      US-09-496-391-36
113
1 ARCAKKRAARAAKKRA
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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                                          Copyright
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Match
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Maximum DB
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GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICATION ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:
TITLE OF INVENTION:
ABUGINARY ARE ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:
TITLE OF INVENTION: AREUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29581
LENGTH: 407
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                             85, Appl
85, Appl
7, Appli
12, Appli
14, Appl
12, Appl
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1601, Appli
201, App
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US-08-557-109B-43
US-08-557-109B-43
Sequence 43, Application US/08557309B
Fateri No. 5916572
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Lodes, Michael J.
TILLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PR NUMBER OF EXCHENCES:
MUNDER OF SEQUENCES:
ADDRESSEE: SEED and BERRY LLP
STATE: Washington
COUNTRY: COARDONTRY: USA
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                            Sequence
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                           US-08-782-480-85
US-09-005-167A-85
US-09-005-167A-85
US-09-166-930A-7
US-09-156-931A-7
US-08-152-488-12
US-08-303-025-14
US-08-303-025-14
US-08-303-025-12
US-08-303-025-12
US-08-303-025-12
US-08-303-025-12
US-09-252-991A-31944
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                                                                                                                                                                                                                                                                                                                        ALIGNMENTS
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228 AEDAKKKAAEDAKKKAAEEAKKKA 251
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CRCANISM: Pseudomonas aeruginosa
US-09-252-991A-29581
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Best Local Similarity 62.5%;
Matches 15; Conservative
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PREVENTION OF T
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                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Lodes, Wichael J.
APPLICANT: Houghton, Raymond L.
APPLICANT: Smith, John M.
APPLICANT: Smith, John M.
APPLICANT: Moweill, Patricia D.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND CORRESPONDENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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0
                                Query Match 53.1%; Score 60; DB 3; Length 186; Best Local Similarity 60.9%; Pred. No. 0.52; Matches 14; Conservative 4; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USE

ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: Dar PC COMPATIBLE
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/993,674A
FILING DATE: 18-DEC-1997
CLASSIFICATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 210121.422C2
TELEPHONE: (206) 622-4900
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89 REAEERARREAEKRARREAKERA 111
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                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 43, Application US/08993674A Patent No. 6228372 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 186 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 60.9
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Seattle
STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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TOPOLOGY:
US-08-993-674A-43
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Patent No. 6054135
GENERAL INFORMATION:
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Lodes, Michael J.
APPLICANT: Houghton, Raymond L.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND SCREEPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/557,309B
FLING DATE: 14-NOV-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MAK1, David J.
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 210121.422
TELECOMMUNICATION INFORMATION:
TELEPHONE: (200) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 RCAKKRAARAKKRAARAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 186 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 186 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match
Best Local Similarity 60.99
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY:
US-08-557-309B-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY:
US-08-834-306-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 3
US-08-834-306-43
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NAME: Cambell, Cathryn A.
REGISTRATION NUMBER: 31,815
REGISTRATION NUMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-9001
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                108 ASAAKKVAKKAPAKKATKAAKAA 131
   108 ASAAKKVAKKAPAKKATKAAKKAA 131
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; Sequence 10, Application US/08152488
; Patent No. 5534619
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 54.2%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 214 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       92122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 27, Application US/09041889
Sequence 27, Application US/09041889
Patent No. 6033864
CENERAL INFORMATION:
Description of the control 
APPLICANT: McNeill, Patricia D.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION
TITLE OF INVENTION: OF T. CRUZI INFECTION
FILE REFERENCE: 210121.422C3
CURRENT PAPLICATION NUMBER: US/09/256,976
CURRENT FILING DATE: 1999-02-24
NUMBER OF SEQ ID NOS: 95
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 43
LENGTH: 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 4; Length 186; 0.52;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 60; DB 4
Pred. No. 0.52;
4; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
NAME: Campbell, Carhryn A.
REGISTRATION NUMBER: 31,815
REPERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            P-PM 3006
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TELEPAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 60.9%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Trypanosoma cruzi
US-09-256-976-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Diego
STATE: California
COUNTRY: USA
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Best Local Similarity
Matches 13; Conserva
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Sequence 27, Application US/09417264

Patent No. 5537768

GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: COMBAY, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
COMPUTER: Patent PP C-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION
APPLICATION:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wakefield, Thomas W.
APPLICANT: Makefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Aranges, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                                                                                                                                                                                                      ADDRESSEE: Campbell & Flores LLP
STREET: 4770 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3: Benita J, Rohm, Esq.
512 Springfield Avenue
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Length 29;
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomes C.
APPLICANT: Banley, Dames C.
APPLICANT: Stanley, James C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANNICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS: 16
CORRESPONDENCE ADDRESS: ADDRESS: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIP: Michigan
COUNTRY: United States of America
ZIP: AB226-4415
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: BADABLE FORM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENTING SYSTEM: MS-DOS V.6.22
PILING DATE: 08-SEPT-1994
CLASSIFICATION NUMBER: US 08-SEPT-1994
FILING DATE: 12-NOV-1993
FILING DATE: 12-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
46.9%; Score 53; DB 1;
Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches
                                           APPLICATION: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILLING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: RECHAILON NUMBER: 28,664
REGERENCE/DOCKET NUMBER: 28,664
REFERENCE/OFFET NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REFERENCE/D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 AKKAAKKAKKAKKAKKAK 27
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                                   US/08/152,488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069;
FILING DATE: 14-AUG-1993
US-08-152-488-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/08303025 Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECTIE TYPE: peptide ORIGINAL SOURCE: ORGINAL SOURCE: PUBLICATION INFORMATION: AUTHORS: N/A
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE: N/A
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Patent No. 5534619
GENERAL INFORMATE MARKETION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOWEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
CORPATING SYSTEM: MS-DOS
SOFTWARENT APPLICATION NOTA:
APPLICATION NOWBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 28,664
REGISTRATION NUMBER: 28,664
REDEPRENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATIR: STEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ARCAKKRAARAAK -- KRAARAAKKRA 24
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CITY: Cranford
STATE: New Jersey
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Benita J, Rohm, Esq. STREET: 512 Springfield Avenue CITY: Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             N/A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 9
US-08-152-488-11
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Query Match
46.9%; Score 53; DB 1; Length 29;
Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches 5; Indels
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APPLICANT: MARKETION:
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN NUMBER OF SEQUENCES: 16
CORRESPONDERS BENITA J. Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CONTRY: United States of America
CONTRY: United States of America
CONTRY: IN COMPATE: FORM:
MEDIOUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER READABLE FORM:
MEDIOUM TYPE: Ploppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC COMPATIS
COMPUTER: IBM PC COMPATIS
SOFTWARE: WANGEBERT BOOK V. 6.22
SOFTWARE: NOW COMPATIS
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFTCATION NUMBER: US/08/303,025
FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
RESERRENCE/DOCKET NUMBER: VAH-060548-00231
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARCAKKRAARAAK -- KRAARAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 AKKAAKKAKKAKKAKKAK 27
                                                                                                                                                                                             ; TITLE: N.A.; DOCUMENT NUMBER: PCT/US92/08069; PILING DATE: 14-AUG-1993
US-08-303-025-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13, Application US/08303025
Patent No. 5614494
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TELEPHONE: 313-496-7622
TELEFAX: 313-496-8454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acid
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                            STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
     amino acid
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APPLICANT: Makefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Usue C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITALINI AND WEST DELICETED., SULTE 2000 CITY: Detroit STATE: Michigan COUNTY: Detroit STATE: Michigan COUNTY: United States of America ZONYE: Michigan COMPUTER: United States of America ZONYER READABLE PORM: MS-DOS V 6.22 SOFTWARE: WordPerfect 6.1; ASCII (DOS)TEXT SOFTWARE: WordPerfect 6.1; ASCII (DOS)TEXT CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/30.25 FILING DATE: 08.5EPT-1994
CLASSIFICATION NUMBER: PCT/US92/06829 FILING DATE: 14.AUG-1992
RAPLICATION NUMBER: US 08/152,488
FILING DATE: 12.NOV-1993
ATTORNEY/AGENT INFORMATION: NAME: Rohm, Benica J. REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313.496-7622
ATTORNEY/AGENT INFORMATION:

NAME: Rohm, Benita J.

REPERENCE/DOCKET NUMBER: 7MH-060548-00231
TELEPHONE: 313-496-722
TELEPHONE: 313-496-722
TELEPHONE: 313-496-722
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acids
TYPE: amino acid
TYPE: Amino acids
TYPE: SECONDERINGS: N/A
TOPELOGY: N/A
MOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 46.9%; Score 53; DB 1.
Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TITLE: N/A
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 11, Application US/08303025 ; Patent No. 5614494
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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46.9%; Score 53; DB 1; Length 29;
Best Local Similarity 53.8%; Pred. No. 0.72;
Matches 14; Conservative 5; Mismatches 5; Indels
                                                                                                                                                                                    Sequence 11, Application US/08677304
Patent No. 5731212
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL ADDRESSE: Benita J, Rohm, Esq.
STREET: Securores: 13 Corresponded STREET: New Jersey
COUNTRY: United States of America ITY: Cranford STATE: New Jersey
COUNTRY: United States of America
ICOMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRICK APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAM, Benita J.
REGISTRATION NUMBER: 28,664
                                                        2 AKKAAKKAAKKAKKAA 27
                         1 ARCAKKRAARAAK - KRAARAAKKRA 24
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SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: NO. 5721212 Relevant
TOPOLOGY: NO. 5721212 Relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION: NFORMATION:
TELEPHONE: 908-276-3344
TELEFAX: 908-276-5543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: PCT/US92/08069
US-08-677-304-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 530
                                                                                                                                             RESULT 14
US-08-677-304-11
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                                                                                               Query Match 46.9%; Score 53; DB 1; Length 29; Best Local Similarity 53.8%; Pred. No. 0.72; Matches 14; Conservative 5; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                          RESULT 13
US-08-677-304-10

Sequence 10, Application US/08677304

Patent No. 5721212

Patent No. 5721212

GENERAL INFORMATION:

APPLICANT: Wakefield, Thomas W.

APPLICANT: Markews, Philip C.

APPLICANT: Stanley, James C.

TITLE OF INVENTION: NOWEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOWEL PEPTIDES FOR HEPARIN ITILE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Benita J, Rohm, Esq.

STREET: 512 Springfield Avenue

CITY: Cranicord

STREET: New Jersey

COMPUTER: New Jersey

COMPUTEY: United States of America

ZIP: 07016-1811

COMPUTER: IBM PC compatible

COMPUTER: NordPerfect 6; ASCII (DOS)Text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIPICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV.1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: RM-7WG
TELEPHONE: 909-276-3344
                                                                                                                                                                                                1 ARCAKKRAARAAK - - KRAARAAKKRA 24
                                                                                                                                                                                                                             2 AKKAAKKAKKAKKAKKAAKKAKA 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: No. 5721212 Relevant TOPOLOGY: No. 5721212 Relevant LECULE TYPE: peptide
) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-13
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;
FILING DATE: 14-AUG-1993
US-08-677-304-10
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INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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ORIGINAL SOURCE:
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us-09-496-391-36.rai
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Parente No. 5919761

GENERAL INFORMATION

APPLICANT: Market and Thomas W. APPLICANT: Market and Third For INVENTION: NOVEL PERTIDES FOR TITLE OF INVENTION: MAINTENANT AND LOW MOLECULAR TITLE OF INVENTION: MAINTENANT AND LOW MORESSEE. Behave G. Martica G. STREET: Silve 1555

CONTRICT: Silve 1555

GENERAL STREET: Silve 1555

GENERAL MAINTENANT AND MAINTENANT AND MAINTENANT MAINTENANT
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Ouery Match 46.9%; Score 53; DB 2; Length 29; Best Local Similarity 53.8%; Pred. No. 0.72; Marches 14; Conservative 5; Mismatches 5; Indels 2; CQ 1 ARCAKKRAARAKKRA 24

Db 2 AKRAAKKAKKAAKKAAKKAAKAA 27 Search completed: August 17, 2004, 16:14:37 Job time : 16.9406 secs

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AFFLICANT: AND H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR PAPLICATION NUMBER: 60/106,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,335
PRIOR APPLICATION NUMBER: 60/207,335
PRIOR PILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/240,335
PRIOR FILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
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APPLICANT: Yamanoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Xu, H.
                                                                                                                                                                                                     August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
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Maximum DB seq length: 200000000
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Perfect score:
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SUMMARIES	Description	Sequence 66237, A	Sequence 120, App	Sequence 68109, A	Seguence 69962, A	Sequence 55748, A	Sequence 13, Appl		Sequence 86, Appl		Sequence 86, Appl	Sequence 152005,	Seguence 33, Appl	Seguence 69952, A	Sequence 53742, A	Sequence 37076, A
	ŒĨ	US-10-282-122A-66237	US-10-127-032-120	US-10-282-122A-68109	US-10-282-122A-69962	US-10-282-122A-55748	US-10-169-613-13	US-10-393-449-36	US-10-393-449-86	US-10-177-725-36	US-10-177-725-86	US-10-437-963-152005	US-10-226-007-33	US-10-425-114-69952	US-10-282-122A-53742	US-10-425-114-37076
	DB	12	14	12	12	12	12	12	12	14	14	16	14	12	12	12
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FILING DATE: 2000-11-27
APPLICATION WUMBER: 60/257,931
FILING DATE: 2000-112-22
APPLICATION NUMBER: 60/267,636

185724, 135334, 242653, 8242653, 822467, A 62547, A 62547, A 7590, A 7590, A 7591, A 7	52, Appl 102, App 51, App, 101, App 51, Appl 101, App 101, App 47, Appl 47, Appl
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Query Match
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PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or FALM.
NUMBER OF SEQ ID NOS: 76614
SCOFTWARE: PatentIn version 3.1
SEQ ID NO 66237
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                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Pseudomonas aeruginosa
US-10-282-122A-66237
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US-10-127-032-120
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Oilsen, Kari
APPLICANT: Zyskind, Judith
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Best Local Similarity 62.5
Matches 15; Conservative
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US-10-282-122A-68109
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US-10-127-032-120
                                                                                                                                                                                                                                                                                        ENGTH: 347
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms File REFERENCE: ELITRA,034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR PAPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/206,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PLING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-10-23
PRIOR PLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/256,625
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2001-12-22
PRIOR PLING DATE: 2001-02-09
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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Publication No. US20040029129A1
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PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-3
PRIOR FILING DATE: 2000-05-3
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/230, 335
PRIOR APPLICATION NUMBER: 60/230, 335
PRIOR APPLICATION NUMBER: 60/230, 347
PRIOR APPLICATION NUMBER: 60/230, 347
PRIOR FILING DATE: 2000-09-06
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Syskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
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ORGANISM: Pseudomonas putida
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Yamamoto, Robert
Forsyth, R.
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Matches 15; Conservative
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RESULT 6
US-10-169-613-13
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
RAIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-24
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-06
PRIOR PELING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-11-27
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2001-12-22
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PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR PLILOM DATE: 2000-110-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
PRIOR PRILOM DATE: 2001-02-09
PRIOR PLILOM DATE: 2001-02-09
PRIOR PLILOM DATE: 2001-02-09
PRIOR PLILOM DATE: 2001-02-09
PRIOR PLILOM DATE: 2001-02-09
PRIOR PRIOR PLILOM DATE: 2001-02-06
PRIOR PLILOM DATE: 2001-03-06
PRIOR PLILOM DATE: 2001-03-06
PRIOR PLILOM DATE: 2001-03-06
PRIOR PLILOM DATE: 2001-03-03
PRIOR PLILOM DA
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 55748
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US-10-282-122A-69962
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Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Sequence 36, Application US/10393449

| Sequence 36, Application No. US20030224412A1
| Publication No. US20030224412A1
| GENERAL INFORMATION:
| APPLICANT: Anderson, David
| APPLICANT: Bogenberger, Jakob M. APPLICANT: Beele, Beau R. |
| TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SC TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SC TITLE OF INVENTION: UNMBER: US 10/177,725
| CURRENT FILING DATE: 2002-06-20 |
| PRIOR PAPLICATION NUMBER: US 09/415,765 |
| PRIOR APPLICATION NUMBER: US 09/415,765 |
| PRIOR APPLICATION NUMBER: US 09/169,015 |
| PRIOR FILING DATE: 1998-10-08 
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                                                                                                                                                                                                                                                                                                                 9; Indels
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APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Wikman, Maria
APPLICANT: Yang, Nannan
TITLE OF INVENTION: Methods of peptide preparation
FILE REPERENCE: 1181-258
CURRENT APPLICATION NUMBER: US/10/169,613
CURRENT PLING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/GB00/03378
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
SOFTWARR: PatentIn Version 3.0
SEQ ID NO 13
LENGTH: 21
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71.4%; Pred. No. 0.48;
iive 3; Mismatches 2;
                                                                                                                                                                                                                        DB 12;
                                                                                                                                                                                                                   Query Match
54.0%; Score 61; DB
Best Local Similarity 62.5%; Pred. No. 3.7;
Matches 15; Conservative 0; Mismatches
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Publication No. US20030086959A1
GENERAL INFORMATION:
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LENGTH: 428
TYPE: PRT
ORGANISM: Enterobacter cloacae
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Best Local Similarity 71.4
Matches 15; Conservative
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US-10-177-725-86

US-10-177-725-86

Sequence 86, Application US/1017725

Publication No. US20030143562A1

GENERAL INFORMATION:
APPLICANT: Anderson, David
APPLICANT: Begenberger, Jakob M.
APPLICANT: Beele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SC.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT SC.
FILE REFERENCE: A-66900-4/RMS/AMS
FILE REFERENCE: A-66900-4/RMS/AMS
CURRENT APPLICATION NUMBER: US/10/177,725
CURRENT FILING DATE: 1999-10-08
PRIOR PLING DATE: 1999-10-08
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR APPLICATION NUMBER: 1998-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: PatentIn version 3.1
SSOFTWARE: PatentIn version 3.1
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; LOCATION: (37)..(68)
; OTHER INFORMATION: "Xaa" at positions 37-39, 41-43, 45-46, 48-50, 52-53, 55-57, 59-6
; OTHER INFORMATION: 1, 63-64 and 66-68 can be any amino acid
US-10-177-725-86
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PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 173
SCOTWARE: Patentin version 3.1
SEQ ID NO 36
LENGTH: 104
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; Sequence 152005, Application US/10437963
; Publication No. US20040123343A1
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APPLICANT: La ROSa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yihua
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Buukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                TYPE: PRT ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                FEATURE:
COTHER INFORMATION: Synthetic
US-10-177-725-36
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APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Beele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT STILE PEPTICANTON NUMBER: US/10/393,449
CURRENT APPLICATION NUMBER: US 10/17,725
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR PILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-08
PRIOR FILING PATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: PATENTIN Version 3.1
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COTHER INFORMATION: "Xaa" at positions 37-39, 41-43, 45-46, 48-50, 52-53, 55-57, 59-4
COTHER INFORMATION: 1, 63-64 and 66-68 can be any amino acid
US-10-393-449-86
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Sequence 36, Application US/1017725

Publication No. U520030143562A1

GENERAL INFORMATION:
APPLICANT: Anderson, David
APPLICANT: Begenberger, Jakob M.
APPLICANT: Peele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT FILE REFERENCE: A-66900-4(RMS/AMS)
CURRENT APPLICATION NUMBER: US/10/177,725
CURRENT FILING DATE: 2002-06-20
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR FILING DATE: 1999-10-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 86, Application US/10393449
Publication No. US20030224412A1
GENERAL INFORMATION:
                                                           TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial sequence
                                                                                                                                 , OTHER INFORMATION: synthetic US-10-393-449-36
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Best Local Similarity
Matches 14; Conserv
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     SEQ ID NO 36
LENGTH: 104
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                                                                                                                FEATURE:
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APPLICANT: Xu, H.

TITLE CANT: Xu, H.

TITLE CEFERENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT PILING DATE: 2003-02-20

PRIOR PLICATION NUMBER: 60/191,076

PRIOR PLICATION NUMBER: 60/191,076

PRIOR PLING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-36

PRIOR PLING DATE: 2000-05-30

PRIOR PLING DATE: 2000-03-39

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR PLING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2010-02-09

PRIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 281;
                                                                                                                                                                                                                                                                                                           TYPE: FRT
GRANISM: Zea mays subsp. mexicana
FATURE:
CHERINGENER Clone ID: UC-ZMROTEO70B10_FLI.pep
US-10-425-114-69952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        50.4%; Score 57; DB 12;
56.5%; Pred. No. 8.1;
tive 4; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 53742, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , ORGANISM: Cornyebacterium diptheriae US-10-282-122A-53742
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1 RAABERAQQBARKRABRAAVERA 23
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APPLICANT: Ohlsen, Kari
APPLICANT: Syskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Yan, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                 SEQ ID NO 69952
LENGTH: 281
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"ITLE OF INVENTION: Ed. Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT PAPLICATION NUMBER: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 152005
LENGTH: 827
TYPE: ...
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sequence 33, Application US/10226007
publication No. US2003105277A1
general INFORMATION:
    APPLICANT: Myriad Genetics, Inc.
    APPLICANT: APPLICANT: Cott
    APPLICANT: APPLICANT: Advian
    TITLE OF INVENTION: Compositions and Therapeutic Methods for Viral Infection
    TITLE OF INVENTION: Compositions and Therapeutic Methods for Viral Infection
    TITLE OF INVENTION: Compositions and Therapeutic Methods for Viral Infection
    TITLE OF INVENTION: US 002-11-15
    CURRENT APPLICATION NUMBER: US 60/313,883
    PRIOR FILING DATE: 2001-08-21
    NUMBER OF SEQ ID NOS: 1673
    SEQ ID NO 33
    LENTH: 206
    LENTH: 206
    LENTH: 206
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Sequence 6952, Application US/0040034888A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Exou, Yinna
APPLICANT: APPLICANT: Application Novalic, David K.
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
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Best Local Similarity 50.0%; Pred. No. 6.1;
Matches 12; Conservative 7; Mismatches
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US-10-226-007-33
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US-10-425-114-69952
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US-10-226-007-33
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RESULT 15
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Query Match

50.4%; Score 57; DB 12; Length 636;
Best Local Similarity 56.5%; Pred. No. 17;
Matches 13; Conservative 4; Mismatches 6; Indels

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Search completed: August 17, 2004, 17:19:18 Job time : 37.8416 secs

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Sequence 24759, Application US/09252991A

Sequence 24759, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOWONAS

TITLE OF INVENTION: ABACGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT PAPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,190

PRIOR FILING DATE: 1998-02-18

PRIOR PELLING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 488

TYPE: PRI
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Sequence 22385, A
Sequence 26217, A
Sequence 27184, A
Sequence 20877, A
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Sequence 5, Appli
Sequence 28465, A
Sequence 32258, A
                                                                            August 17, 2004, 15:50:03 ; Search time 8.95545 Seconds (without alignments) 103.766 Million cell updates/sec
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                                                                                                                                                                                                                                                             389414
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1. (cgn2_6/ptodata/2/iaa/5A_COMB.pep:*

2. (cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3. (cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-252-991A-24759
US-09-252-991A-29158
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US-09-252-991A-21194
US-09-252-991A-21294
US-09-252-991A-21294
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US-09-252-991A-26958
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US-08-252-991A-26948
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Score Match Length DB
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Perfect score:
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28 43 50.0 155 4 US-05-22-991A-7204 Sequence 20099, A 30 43 50.0 155 4 US-05-222-991A-77674 Sequence 2022(4, A 30 40 50.0 230 4 US-05-222-991A-77677 Sequence 2022(2, A 43 50.0 230 4 US-05-222-991A-77207 Sequence 2022(3, A 44 50.0 230 4 US-05-222-991A-77207 Sequence 2022(3, A 44 50.0 230 4 US-05-22-991A-77207 Sequence 2022(3, A 44 50.0 230 4 US-05-22-991A-77207 Sequence 2022(3, A 45 50.0 230 4 US-05-22-991A-7807 Sequence 2022(3, A 45 50.0 230 4 US-05-22-991A-7807 Sequence 2022(3, A 45 50.0 230 4 US-05-22-991A-804 Sequence 2022(3, A 45 50.0 23	Oy 1 ARRAKAARRAKKA 18 96 AHRSGAARAGAA, 113
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GENERAL INFORMATION:
APPLICANT: MARC J. Rubenfield et al.
APPLICANT: MARC J. Rubenfield et al.
APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: 107196_136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 20193
LENGTH: 360
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TURENT PELE REFERENCE: 107196.136
CURRENT PRILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196-136
CURRENT APPLICATION NUMBER: US/09/252,991A
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                               RESULT 5
US-09-252-991A-20193
Sequence 20193, Application US/09252991A
Patent No. 6551795
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US-09-252-991A-24114
Sequence 24114, Application US/09252991A
; Patent No. 6551795
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GRHERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
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Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

    TYPE: PRT
    ORGANISM: Pseudout
    US-09-252-991A-24114

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US-09-252-991A-21290
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US-09-252-991A-30158
Sequence 30159, Application US/09252991A
Fatent No. 651795
GENERAL INFORMATION:
TITLE OF INTENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOWONAS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOWONAS
TITLE OF INVENTION: NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT PLING DATE: 1999-02-18
FRIOR APPLICATION NUMBER: US 60/074,788
FRIOR APPLICATION NUMBER: US 60/094,190
FRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NOS: 33142
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IIILE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29365
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                                                                          ch 57.0%; Score 49; DB 4; Length 48B; 1 Similarity 64.7%; Pred. No. 7.5; 11; Conservative 1; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            55.8%; Score 48; DB 4; Length 134; 58.8%; Pred. No. 3;
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Patent No. 6551795
GENERAL INFORMATION:
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24759
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US-09-252-991A-30158
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US-09-252-991A-29365
                                                                                                                                                                                         2 RRAKAARRAKAARRCKA 18
                                                                                                                                                                                                                                 70 RPAAARRAQGRRRCVA 86
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64 ARRCAAARSRAARRAR 80
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44 ARRVRRSRRPAPARRCR 60
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Best Local Similarity 58.8
Matches 10; Conservative
                                                                                Query Match
Best Local Similarity
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RESULT 10
US-09-252-991A-26955
US-09-252-991A-26955
US-09-252-991A-26955
Sequence 26955, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: MUCERIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: MUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR PELING DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

LENGTH: 218
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APPLICANT: Gesallschaft fuer Biotechnologische Forschung mbH
APPLICANT: Bristol-Myers Squibb, Co.
APPLICANT: Breer, Stefan
APPLICANT: Bloecker, Helmut
APPLICANT: Bloecker, Helmut
APPLICANT: Coldberg, Steven L
APPLICANT: Coldberg, Steven L
APPLICANT: Coldberg, Steven L
APPLICANT: Medile, Gerhard
APPLICANT: Mediler, Joachim
APPLICANT: Reichenbach, Hans
APPLICANT: Mediler, Joachim
APPLICANT: Mediler, Mediler, Joachim
APPLICANT: Mediler, Mediler, Mediler, Mediler, Mediler, Mediler, Mediler, Mediler, Mediler, Med
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                                                Ouery Match 52.3%; Score 45; DB 4; Best Local Similarity 53.3%; Pred. No. 11; Matches 8; Conservative 4; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-26955
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32 ARRARPSASRRSARRCR 48
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US-09-413-814-79
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18 RESRSCRPARRARKC 32
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US-09-252-991A-18614

US-09-252-991A-18614

Sequence 18614, Application US/0925291A

Perent No. 6551795

GENERAL INFORMATION:

APPLICANTON:

NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PLING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 18614

LENGTH: 1007
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53.5%; Score 46; DB 4; Length 1007;
Best Local Similarity 55.6%; Pred. No. 40;
Matches 10; Conservative 0; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 46; DB 4; Length 200;
Pred. No. 8.6;
2; Mismatches 2; Indels
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; FRIOR FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1996-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 21290
; LENGTH: 200
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CRGANISM: Pseudomonas aeruginosa
US-09-252-991A-18614
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29848
                                                                                                                                                                                                                                                                                                                                                                                         ) TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-21290
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Best Local Similarity 69.2
Matches 9; Conservative
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.13 6

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,190

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-07-27

NUMBER PROPERTY US 60/094,190

PRIOR FILING DATE: 1999-07-27

NUMBER PROPERTY US 60/094,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 44; DB 4; Length 189;
Pred. No. 16;
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                                                   Marc J. Rubenfield et al.
                                                                                                                                                                                                                                                                                                                                                                                            Pseudomonas aeruginosa
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US-09-252-991A-22665
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity 47.1%;
8; Conservative
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Best Local Similarity 55.6<sup>3</sup>
Matches 10; Conservative
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Best Local Similarity
Matches 8; Conserv
                         GENERAL INFORMATION: APPLICANT: Marc J.
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                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT ORGANISM:
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ORGANISM:
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VGS-05-252-991A-19419

Sequence 19419, Application US/0955991A

Sequence 19419, Application US/0955991A

Sequence 19419, Application US/0955991A

SEQUENCES RELATING TO SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ACID SEGUENCES AND THERAPEUTICS
FILE REFERENCE: 107166.136
CURRENT PAPLICATION NUMBER: US/09/252,991A
PRIOR PAPLICATION NUMBER: US/09/252,991A
PRIOR PAPLICATION NUMBER: US/09/4,788
PRIOR PLIING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 25392
LENGTH: 156
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51.2%; Score 44; DB 4; Length 156; 52.9%; Pred. No. 13; tive 3; Mismatches 5; Indels
                         Indels
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  Pred. No. 67;
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Patent No. 6551795
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRI
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pseudomonas aeruginosa
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  83.3%;
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54 RTARSANSAPAARSCRA
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113 ARAARRAPAARR 124
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Best Local Similarity 52.3.
Best Acal Similarity 52.3.
Best Local Similarity 83.3
Matches 10; Conservative
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US-09-252-991A-25392
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US-09-252-991A-18969 ; Sequence 18969, Application US/09252991A

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RESULT 15
US-09-252-991A-22665

Sequence 22665, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: USCAL 186

FILE REFERENCE: 107196.136

CURRENT FILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR PLING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 22665

LENGTH: 216
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55.6%; Pred. No. 18;
iive 1; Mismatches
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Gaps

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August 17, 2004, 16:06:45 ; Search time 28.3812 Seconds (without alignments) 199.100 Million cell updates/sec
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2: /cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/ISO6_NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
7/cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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1 ARRAKAARRAKAARRCKA 18
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence	-160528 Sequence 160528,	-184740 Sequence 184740,	-178731 Sequence 178731,		2539 Sequence	-21 Sequence 21, Appl	Seguence	-190754 Seguence 190754	-190954 Seguence 190954,	-115996 Seguence 115996,	1-190753 Seguence 190753,	-189251 Sequence 189251,	Sequence 2, A	Sequence 32,
SUMMARIES	ΩI	US-10-437-963-163328	US-10-437-963-160528	US-10-437-963-184740	US-10-437-963-178731	US-10-437-963-185672	US-10-437-963-202539	US-10-004-717-21	US-10-437-963-202417	US-10-437-963-190754	US-10-437-963-190954	US-10-437-963-115996	US-10-437-963-190753	US-10-437-963-189251	US-09-888-721-2	US-09-888-721-3
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US-10-240-430-	US-10-240-4	US-10-262-209-	US-10-240-430-5	US-10-437-963-1	US-10-425-114	US-10-229-567-4	US-10-26	US-10-240-430-	771-161A-12	US-10-437-963-112	US-10-437-963	815-242-519	US-10-282-122	US-10-127-032-10	US-10-437-963-	US-10-156-761-7	US-10-424~599	US-10-437-963-	US-10-437-963-	US-10-156-761-	US-10-437-963-16	US-10-156-761-11	US-10-437-96	US-10-156-761-123	US-09-846-589A-2	US-10-437-963-1435	US-10-425-114-5795	US-10-4	US-10-156-761-1206
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ALIGNMENTS

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Sequence 163328, Application US/10437963

Sequence 163328, Application US/10437963

Sequence 163328, Application No. US2040123343A1

SEQUENCE 10 NO. US2040123343A1

GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Boukharov, Andrey A.

APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 163328

LENGTH: 380
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US-10-437-963-163328
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Pred. No. 26;
1; Mismatches 4
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66.7%;
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Best Local Similarity 66.7
Matches 10; Conservative
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RESULT 2 US-10-437-963-160528

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TILE OF INVENTION: Rice Muleic Acid Molecules and Other Molecules Associated With TILE OF INVENTION: Rice Muleic Acid Molecules and Other Molecules Associated With TILE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REPERENCE: 38-21 (5322) B

CURRENT RELIGATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 178731

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APPLICANT: Wo, Wei
APPLICANT: Bunkharov, Andrey A.
APPLICANT: Bunkharov, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Brand
APPLICANT: Brand
APPLICANT: Brand
APPLICANT: Brand
APPLICATION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 185672
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US-10-437-963-178731
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 55.2%; Score 47.5; DB 16; Best Local Similarity 45.8%; Pred. No. 18; Matches 11; Conservative 4; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: unsure
LOCATION: (1)..(105)
OTHER INFORMATION: unsure at all Xaa locations
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LOCATION: (1)..(88)
OOTHER INFORMATION: unsure at all Xaa locations
FEATURE:
                                                                                                                        Sequence 178731, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 185672, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Gao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
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US-10-437-963-185672
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Sequence 160528, Application US/10437963

Publication No. US20040123343A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: La Rosa J.

APPLICANT: Cao. Yongwei

APPLICANT: Application, Yihua

APPLICANT: Wu, Wei

APPLICANT: Barbazuk, Brad

APPLICANT: Brants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 160528

LENGTH: 620
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       57.0%; Score 49; DB 16; Length 620; 55.6%; Pred. No. 56;
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US-10-437-963-160528
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US-10-437-963-184740
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OTHER INFORMATION: unsure at all Xaa locations
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APPLICANT: Rovalic, David K.
APPLICANT: Anou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Barbazuk, Brad
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 55.6'
Matches 10; Conservative
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Best Local Similarity 55.6
Matches 10; Conservative
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ORGANISM: Oryza sativa
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US-10-437-963-184740
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DB 16; Length 88;

52.3%; Score 45;

Query Match

687 ARQAEEAAREEAARACQA 704

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GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Brad
APPLICANT: Brad
APPLICANT: Brad
APPLICANT: Brad
APPLICANT: Brad
APPLICANT: See Invent
APPLICANT: Brad
APPLICANT: B
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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thusa
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERBNCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT PILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 199754
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Gaps
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      Indels
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US-10-437-963-190754
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US-10-437-963-202417
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NAME/KEY: unsure
LOCATION: (1) .. (240)
PEATURE: INFORMATION: unsure at all Xaa locations
FEATURE:
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      Mismatches
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                                                                                                                                                                                                                                                                                                 Sequence 202417, Application US/10437963 Publication No. US20040123343A1
      3;
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                                                                         1 ARRAKAARRAKAARRCKA 18
      10; Conservative
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ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
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      Matches
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                                                                                                                                                                                                                                                                                                           Sequence 202539, Application US/10437963
; Sequence 202539, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Application David K.
    APPLICANT: Cao, Yihua
    APPLICANT: Cao, Yongwei
    APPLICANT: Applicant: Applicant: Applicant: Buckbarov, Andrey A.
    APPLICANT: Brazalk, Brad
    APPLICANT: Brazalk, Brad
    APPLICANT: Li, Ping
    TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
    TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
    TITLE OF INVENTION: 108721)B
    CURRENT APPLICATION UNDERS: US/10/437,963
    CURRENT APPLICATION UNDERS: US/10/437,963
    CURRENT PILING DATE: 2003-05-14
    NUMBER OF SEQ ID NOS: 204966
    SEQ ID NO 202539
    LINGTH: 113
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Sequence 21, Application US/10004717

Publication No. US2020192665A1

Sequence 21, Application US/10004717

Publication No. US20020192665A1

Sequence 21, Application No. US20020192665A1

APPLICANT: ZOCHBI, HUDA Y.

APPLICANT: ZOCHBI, HUDA Y.

APPLICANT: YANG, QI

TITLE OF INVENTION: OSTEOARTHRITS, AND METHODS FOR THE THERAPEUTIC USE OF AN TITLE OF INVENTION: OSTEOARTHRITS, AND ABNORWAL CELL PROLIFERATION CURRENT APPLICATION NUMBER: US/10/004,717

CURRENT APPLICATION NUMBER: 00/176,993

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR PLING DATE: 1999-06-01

PRIOR FILING DATE: 1999-06-01

NUMBER OF SEQ ID NOS: 69

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 21

LENGTH: 213

TANDER DATE: 2000-06-01

SEQ ID NO 21

LENGTH: 213
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Best Local Similarity 50.0%; Pred. No. 43;
Matches 9; Conservative 3; Mismatches 6; Indels
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                                             4; Indels
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US-10-437-963-202539
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76;
             Pred. No. 34;
3; Mismatches
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Pred. No.
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55.6%;
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                 56.2%;
             Best Local Similarity 56.2
Matches 9; Conservative
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ORGANISM: Oryza sativa
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Best Local Similarity
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US-10-004-717-21
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APPLICANT: Li, Ping
TITLE OF INVENTION: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 189251
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US-10-437-963-190753
                   , OTHER INFORMATION: Clone ID: PAT_MRT4530_1953C.1.pep
US-10-437-963-115996
                                                                    Query Match 52.3%; Score 45; DB 16; Lo
Best Local Similarity 50.0%; Pred. No. 1.4e+02;
Matches 9; Conservative 3; Mismatches 6;
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LOCATION: (1)..(670)
OTHER INFORMATION: unsure at all Xaa locations
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Gao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                            218 ARRSPAARHRRSRRCRA 235
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                                                                                                                                        1 ARRAKAARRAKAARRCKA 18
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ORGANISM: Oryza sativa
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Best Local Similarity
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APPLICANT:
APPLICANT:
   FEATURE:
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRENCE: 38-21(53221)8
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT PILING DATE: 2003-05-14
SEQ ID NO 115996
LENGTH: 415
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                 52.3%; Score 45; DB 16; Length 264; 50.0%; Pred. No. 92; tive 3; Mismatches 6; Indels
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US-10-437-963-190954
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NAME/KEY: unsure
NAME/KEY: (1). (415)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                   Sequence 190954, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yohua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
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Publication No. US20040123343A1
GENERAL INFORMATION:
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihna
APPLICANT: Cao, Yongwei
APPLICANT: Wei Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Babazuk, Brad
                                                                                      1 ARRAKAARRAKAARRCKA 18
                                                                                                                    78 ARRSPAARHRRSRRCRA 95
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109 ARRAEAAGIASAARRIR 125
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                                                     Conservative
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ORGANISM: Oryza sativa
Query Match
Best Local Similarity
9; Conserva
                                                                                                                                                                       RESULT 10
US-10-437-963-190954
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US-09-888-721-2

Sequence 2, Application US/0988721

Patent No. US20020132990A1

GENERAL INFORMATION:
APPLICANT: Huston, James S.
APPLICANT: Author, James S.
APPLICANT: Author, Daniel
APPLICANT: Author, Daniel
APPLICANT: Scherman, Daniel
APPLICANT: Control of Contro
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GENERAL INFORMATION:
APPLICANT: Huston, James S.
APPLICANT: Mils, Pierre
APPLICANT: Wils, Pierre
APPLICANT: Laurent, Olivier
APPLICANT: Laurent, Olivier
APPLICANT: Marasco, Mayne A.
APPLICANT: Marasco, Mayne A.
APPLICANT: Beneman, Daniel
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: DELIVERY
FILE REPERENCE: 2361-4 USA
CURRENT APPLICATION NUMBER: 05/09/888,721
CURRENT FILING DATE: 2001-66-25
PRIOR APPLICATION NUMBER: 60/213,653
PRIOR PILING DATE: 2000-66-23
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 32
LENGTH: 26
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                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: PAT_MRT4530_85779C.1.pep US-10-437-963-189251
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Patent No. US20020132990A1
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Best Local Similarity 50.0
Matches 9; Conservative
                                       TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
CRGANISM: Homo sapiens
US-09-888-721-2
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LENGTH: 1504
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-888-721-32
Query Match
Best Local Similarity 50.0%; Pred. No. 16;
Matches 9; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
Oy 1 ARRAKAARRACKA 18
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Db 1 AKKAKSPKKARAKRARA 18
Search Completed: August 17, 2004, 17:19:19
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Sequence 16, Appl
Sequence 29742, A
Sequence 29742, A
Sequence 18832, A
Sequence 188376, A
Sequence 26994, A
Sequence 26994, A
Sequence 26994, A
Sequence 2732, A
Sequence 7, Appli
Sequence 2732, A
Sequence 2732, Appli
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                                                                                  August 17, 2004, 15:50:03; Saarch time 5.9703 Seconds (without alignments) 103.766 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-293-224A-16

US-08-291A-23268

US-09-252-991A-23268

US-09-252-991A-18882

US-09-252-991A-18882

US-09-252-991A-18396

US-09-128-491A-1839

US-09-252-991A-17818

US-09-252-991A-17818

US-09-252-991A-2732

US-09-252-991A-2732

US-09-252-991A-27321

US-09-252-991A-27321

US-09-543-681A-7133

US-09-543-681A-7133

US-09-543-681A-7133

US-09-543-681A-7133

US-09-543-681A-7133

US-09-543-681A-7133

US-09-252-991A-26215

US-09-251-991A-26215

US-09-251-991A-26215

US-09-261-889-38
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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59
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Match Length DB
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Maximum DB seq
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Perfect score:
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40, Appl 32263, A 32263, A 32263, A 34261, A 32, Appl 32, Appl 32, Appl 343, A 4843, A 4843, Appl 47, Appli 47, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli		US ES	Gaps 0,
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75574 75	NAME	COPI OP 1 4 , Ve.	No.
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1158 1222 2222 2222 2222 2226 1004 1004 1011 1111 1111 1111 1111 111		NET 1 88-346-849-16 88-346-849-16 senera 10. 5670483 SENERAL INFORMATION: APPLICANT: Zhangy Shuquang APPLICANT: Lockshin, Curtis APPLICANT: Lockshin, Curtis APPLICANT: Holmes, Todd TITLE OF INVENTION: SELF-AR TITLE OF INVENTION: SELF-AR TITLE OF INVENTION: SELF-AR TITLE OF INVENTION: THEREFY TITLE OF INVENTION: THEREFY TITLE OF INVENTION: THEREFY TITLE OF INVENTION: SELF-AR TITLE OF INVENTION: SELF-AR TITLE OF INVENTION: THEREFY TITLE OF INVENTION: THEREFY TITLE OF INVENTION: THEREFY TITLE OF INVENTION: THEREFY TORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: COMPUTER: MASSachusetts COMPUTER: ISM PC compatin OCOMPUTER: ISM PC compa	75.0 1 Ve
WWIIIOOBOWDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD		16 Application ' Application ' CAD483 CORMATION: ': Lockshin, ' CAD484 CORMATION: ': Lockshin, Alex. ': Lock	larity 75 Conservativ
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		THE STATE OF THE S	Simila 9, Co
		ULT 1 08-346-849-16 08-346-849-16 GENERAL INFORMATION: APPLICANT: ZhANG, Sh APPLICANT: Lockshin, Ale APPLICANT: Rich, Ale APPLICANT: Rich, Ale APPLICANT: AND APPLICANT: APPLICANT: TITLE OF INVENTION: TOWN THE OF INVENTION: APPLICATION NUMBER: FILING DATE: 28 DE APPLICATION NUMBER: FILING DATE: 28 DE TELEPHONE: BROCK, DAVIG REFERENCE/DOCKET NUMBER: TELEPHONE: (617) 86; TELEPHO	Local S
		APPLIC APPLIC APPLIC APPLIC APPLIC APPLIC APPLIC APPLIC APPLIC TITLE TIT	Y
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Sequence 23268, Application US/09252991A

Padent No. 6551795
GENERAL INFORMATION:
APPLICANT: Warc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION:
APPLICANT: WOLLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER: 05 60/094,190
RIOR FILING DATE: 1998-07-27
NUMBER: 05 8EQ ID NOS: 33142
SEQ ID NO 23268
SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
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                                                                                                   E: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
                                                                                                                                              CITY: Lexington

STATE: Lexington

STATE: Massachusetts

CONTRY: U.S.A.

ZIP: 0.2.173-4799

COMPUTER: EADABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/898,300

FILING DATE: 22 JULY 1997

CLASSIPICATION: 514

PRIOR APPLICATION: DATA:

APPLICATION NUMBER: 08/346,849

FILING DATE: 30 NOVENBER 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/973,326

FILING DATE: 28 DECEMBER 1992

ATTORNEY/AGENT INFORMATION:

NAME: BROOK, DATIGE:

REGISTRATION NUMBER: 25 592

ATTORNEY/AGENT MANDER: 28 DECEMBER 1992

ATTORNEY/AGENT NUMBER: 25 592
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 38; DB 4
Pred. No. 16;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: MIT-6008FB TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   64.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (781) 861-624
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 1
  TITLE OF INVENTION: SELF
TITLE OF INVENTION: THER
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSE: HAMILTON, B
STREET: Two Militia Dr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 60 amino acids
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Best Local Similarity 75.0
Matches 9; Conservative
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MOLECULE TYPE: protein
US-08-898-300-16
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Best Local Similarity
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US-09-252-991A-23268
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                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Holmes, Todd
APPLICANT: Zhang, Shughang
APPLICANT: Rich, Alexander
APPLICANT: DiPersio, C. Michael
APPLICANT: Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
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APPLICANT: Lockshin, Curtis
APPLICANT: Hich, Alexander
APPLICANT: Holmes, Took
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            64.4%; Score 38; DB 2; Length 60; 75.0%; Pred. No. 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Plem PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK DATA'S
REGISTRATION NUMBER: 25-592
REFERENCE/COKET NUMBER: 25-592
REFERENCE/COKET NUMBER: MIT-6008A
TELECOMMUTICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                          Sequence 16, Application US/08293284A Patent No. 5955343
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Patent No. 6548630
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (617) 861-6240 TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60 amino acids
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Best Local Similarity 75.0
Matches 9; Conservative
                                                                                18 AKRKAAAKAKA 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
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02173-4799
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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Gaps

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Sequence 389, Application US/09198452A
Paguance 389, Application US/09198452A
Paguance 389, Application US/09198452A
GENERAL INFORMATION:
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-030-999
TITLE OF INVENTION: MUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 389
LENGTH: 621
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Batent No. 655195

GENERAL INFORMATION:

APPLICANT:

APPLIC
                       APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS FILE REPERENCE: 107196.136
CURRENT PEPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US/00/74,788
PRIOR PILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 19376
LENGTH: 450
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Pred. No. 2e+02;
3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ), ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-18376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 66.7%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       162 KCKRLGKAMR 171
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355 SRCRRAAKA 363
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US-09-252-991A-18882

US-09-252-991A-18882

Sequence 18882, Application US/0925291A

Patent No. 6551795

GENERAL INFORMATION:

APPLICATION:

TITLE OF INVENTION:

AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR PELLOR DATE: 1999-02-18

PRIOR PELLOR DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

SEQ ID NOS: 33142

LENGTH: 955
                                                                                                                                                                                                                                                                                            Sequence 29742, Application US/09252991A

Sequence 29742, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: MARC J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US 60/094,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR SEQ ID NOS: 33142

SEQ ID NO 29742

LENGTH: 367
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63.6%; Pred. No. 2.7e+02;
live 1; Mismatches 3; Indels
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Pred. No. 1.2e+02;
1; Mismatches 3; Indels
   Indels
   2; Mismatches
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US-09-252-991A-18376
; Sequence 18376, Application US/09252991A
; Patent No. 6551795
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US-09-252-991A-18882
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Best Local Similarity 66.7%;
Matches 8; Conservative
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   7; Conservative
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Best Local Similarity
Matches 7; Conserv
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GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
                                                                             Sequence 22732, Application US/09252991A

Patent No. 655195

GENERAL INCORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERCIGNOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERCIGNOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERCIGNOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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Pageuence 30955, Application US/09252991A

Pageuence 5521795

GRNERAL INFORMATION:
GRNERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION:
ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR PILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR SEQ ID NOS: 33142

SEQ ID NO 3,0965

LENGTH: 143
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Pred. No. 2.5e+02;
3; Mismatches 1;
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Pred. No. 1.5e+02;
2; Mismatches 3:
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Patent No. 6605709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30965
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Best Local Similarity 60.0%;
Matches 6; Conservative
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Best Local Similarity 58.3
Matches 7; Conservative
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259 RCRRAARAGR 268
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                                                RESULT 12
US-09-252-991A-22732
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US-09-252-991A-30965
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US-09-543-681A-7133
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Pacent No. 6551795
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: AREUGINCA ACID SEQUENCES RELATING TO PSEUDOMONAS:
TITLE OF INVENTION: AREUGINCA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AREUGINCA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AREUGINCA FOR DIAGNOSTICS AND THERAPEUTICS
TILE REPERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR RELIGHT DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17918
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APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE REPERBNCE: 107196.136
CURRENT PILING: DATE: 1999-02-18
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR RAPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 18739
LENGTH: 200
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                                                                                                 Length 641;
                                                                                            Score 36; DB 4; Length 641
Pred. No. 2.7e+02;
5; Mismatches 2; Indels
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                    , ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-26994
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17818
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                                                                                            Query Match
Best Local Similarity 41.7%;
Matches 5; Conservative
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Best Local Similarity 50.vv
Best Local 6; Conservative
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151 SRCRRAAAARS 162
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TYPE: PRT
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RESULT 15
US-09-543-61A-5390
US-09-543-61A-5390
Sequence 5390, Application US/09543681A
Factor No. 6605709
GENERAL INFORMATION:
TILLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL
TILLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILLE REFERENCE: 2709-1002-001
CURRENT APPLICATION NUMBER: US/09/543,691A
FILLE REPLICATION NUMBER: US/09/543,691A
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 5390
LENGTH: 361
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Pred. No. 3.3e+02;
1; Mismatches 3; Indels
                                                                                                                                                                                                                                   Length 163;
                                                                                                                                                                                                                                     Query Match 57.6%; Score 34; DB 4; Length 163
Best Local Similarity 58.3%; Pred. No. 1.6e+02;
Matches 7; Conservative 2; Mismatches 3; Indels
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
FRIOR APPLICATION NUMBER: US 60/128,706
FRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 7133
LENGTH: 163
TYPE: RT
CREANIEM: PPOTEUS mirabilis
US-09-543-681A-7133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Search completed: August 17, 2004, 16:14:38 Job time : 5.9703 secs
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Best Local Similarity 66.7%;
Matches 8; Conservative
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CRGANISM: Proteus mirabilis
US-09-543-681A-5390
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224 AKAKAAAEAKAA 235
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August 17, 2004, 16:06:45 ; Search time 18:9208 Seconds (without alignments) 199.100 Million cell updates/sec
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8: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
9: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
12: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
13: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
14: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
15: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
17: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                   - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                      1 AKCKRAAKAKRA 12
                                                                                                                                                                                                                                                                                                                           US-09-496-391-38
59
                                                                                                                                                                                                                                                                                                                                                                      Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                      OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence:
                                                                                                                                                                                                      Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	r.	Sequence 14502, A	e 16, Appl	e 13278, A	e 122190,	e 148841,	a 131597,	e 55143, A	e 188535,	e 94, Appl	Sequence 12462, A	745, App	e 745, App	Sequence 147, App	e 111630,	e 174627.
	Description	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sednence	Sequence	Sequence	Sequence	Seguence	Sequence	Seguence	Segmence
	ID	US-10-156-761-14502	US-10-390-472-16	US-10-369-493-13278	US-10-437-963-122190	US-10-437-963-148841	US-10-437-963-131597	US-10-282-122A-55143	US-10-437-963-188535	US-10-001-885-94	US-10-156-761-12462	US-09-925-302-745	US-09-925-302-745	US-10-408-765A-147	US-10-437-963-111630	US-10-437-963-174627
		14	16	15	16	16					14	σ	12	16	16	16
	Query Match Length DB	556	09	909	734	1039	103	601	67	106	138	241	241	284	304	326
ψ°.	Query Match	66.1	64.4	64.4	64.4	64.4	62.7	62.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	Score	39	38	38	38	38	37	37	36	36	36	36	36	36	36	36
	Result No.		2	ო	4	Ŋ	ø	7	œ	σ	10	11	12	13	14	15

6881099, 7, 7, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	8205, 193694, 193694, 1201366 1217854 1217848 1212148 126403
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ALIGNMENTS

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US-10-156-761-14502

US-10-156-761-14502

Sequence 14502, Application US/10156761

Sequence 14502, Application US/10156761

SENBEAL INFORMATION:
SHEAL SATOSHI

APPLICANT: OMTENA, JUN

APPLICANT: HARVON

APPLICANT: SAKAKI, YOSHIYUKI

APPLICANT: BARAKI, YOSHIYUKI

PRIOR PILING DATE: 2001-06-29

PRIOR APPLICATION NUMBER: JP 2001-272697

PRIOR APPLICATION NUMBER: JP 2001-272697

PRIOR PILING DATE: 2010-08-02

LENGTH: 556

LENGTH: 556

LENGTH: 556

LENGTH: 556

LENGTH: 556

COMENTY MATCH

66.1%: Score 39; DB 14; Length 556;

Best Local Similarity 66.7%; Pred: No. 2.6e+02;

Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps

Qy 1 AKCKRAARAKRA 12

Db 527 AQCERAAARARA 538
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Db 527 AQCERAAA? RESULT 2 US-10-390-472-16

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Gaps

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Score 38; DB 15; Length 606;
Pred. No. 4.1e+02;
0; Mismatches 1; Indel8
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Publication No. US20040123343A1
GENERAL INCOMMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Wo, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Bankharov, Andrey A.
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
WIMBER OF SEQ ID NOS: 47374
SEQ ID NO 13278
LENGTH: 606
                                                                                                                    TYPE: PRT; ORGANISM: Aspergillus nidulans
US-10-369-493-13278
                                                                                                                                                                                                           Query Match
Best Local Similarity 90.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                105 AKCRRPADARR 115
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                                                                                                                                                                                                                                                                                                    1 AKCKRAAKAK 10
                                                                                                                                                                                                                                                                                                                                                71 AKDKRAAKAK 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-437-963-122190
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LENGTH: 734
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Sequence 132'8, Application US/10369493
GENERAL INFORMATION
APPLICANT: Cao, Yongwei
APPLICANT: Glace, Steven C.
APPLICANT: Glace, Steven C.
APPLICANT: Glace, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Coldman, Barry S.
APPLICANT: Coldman, Staten STEVENSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES
TITLE OF INVENTION: DIANTS WITH IMPROVED PROPERTIES
TITLE OF INVENTION: DIANTS WITH IMPROVED PROPERTIES
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                   TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                       ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 38; DB 16; Length 60;
Pred. No. 47;
1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NAMBR: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Brook, David E. REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: procein
;
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-390-472-16
                                                                                                                                            DiPersio, C. Michael
Lockshin, Curtis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                             STREET: Two Militia Drive CITY: Lexington
    Sequence 16, Application US/10390472
Publication No. US20040097013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 60 amino acids
                                                                                                   Zhang, Shuguang
Rich, Alexander
                                                                                                                                                                                                                                                                                                                                                                        STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      64.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 75.0
Matches 9; Conservative
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                                                                                                Zhang,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -10-369-493-13278
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Sequence 122190, Application US/10437963
; Sequence 122190, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Zhou, Yihua
; APPLICANT: Zhou, Yihua
; APPLICANT: Mu, Wai
; APPLICANT: Bankharov, Andrey A.
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21/5221/B
; CURRENT APPLICATION UNMER: US/10/437,963
; CURRENT APLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Rice Mad Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Clone ID: PAT_MRT4530_25141C.1.pep
US-10-437-963-122190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 64.4%; Score 38; DB 16; L
Best Local Similarity 63.6%; Pred. No. 4.9e+02;
Matches 7; Conservative 2; Mismatches 2;
```

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Sequence 18835, Application US/10437963
; Boblication No. US20040123343A1
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Cao, Yongwei
; APPLICANT: Wei
; APPLICANT: Wei
; APPLICANT: Boukharco, Andrey A.
; APPLICANT: Boukharco, Andrey A.
; APPLICANT: Li, Ping
; APPLICANT: Branch Brade
; APPLICANT: Brade
; APPLI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ..
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                 PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PELLING DATE: 2000-03-21
PRIOR PELLOATION NUMBER: 60/206,848
PRIOR PELLOATION NUMBER: 60/206,848
PRIOR PELLOATION NUMBER: 60/207,727
PRIOR PELLOATION NUMBER: 60/230,335
PRIOR PELLOATION NUMBER: 60/230,335
PRIOR PELLOATION NUMBER: 60/230,335
PRIOR PELLOATION NUMBER: 60/230,347
PRIOR PELLOATION NUMBER: 60/242,578
PRIOR PELLOATION NUMBER: 60/242,578
PRIOR PELLOATION NUMBER: 60/253,625
PRIOR PELLOATION NUMBER: 60/257,931
PRIOR PELLOATION NUMBER: 60/257,931
PRIOR PELLING DATE: 2000-11-2-2
PRIOR PELLOATION NUMBER: 60/257,636
PRIOR PELLOATION NUMBER: 60/267,636
PR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              62.7%; Score 37; DB 12; Length 60
63.6%; Pred. No. 5.9e+02;
Live 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 61.0%; Score 36; DB 16; Length 67
Best Local Similarity 66.7%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; CTHER INFORMATION: Clone ID: PAT_MRT4530_8512C.1.pep
US-10-437-963-188535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT; CRJamydia trachomatis
US-10-282-122A-55143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            151 AKCKRLGRÁMR 161
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |:|:||:|
34 ARCRRAARA 42
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| Sequence 115.597, Application US/10437963
| Publication No. US20040123343A1
| GENERAL INFORMATION:
| APPLICANT: La Rosa, Thomas J.
| APPLICANT: Excelled. Witha
| APPLICANT: Cao, Yongwei
| APPLICANT: Routharov, Andrey A.
| APPLICANT: Barbazuk, Brad
| APPLICANT: Barbazuk, Brad
| APPLICANT: Li, Ping
| TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
| TITLE OF INVENTION: NUMBER: US/10/437,963
| CURRENT FILING DATE: 2003-05-14
| NUMBER OF SEQ ID NOS: 204966
| SEQ ID NO 131597
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                                                                                                                                                                                                                                                                                                                                    64.4%; Score 38; DB 16; Length 1039; 63.6%; Pred. No. 6.8e+02; ive 2; Mismatches 2; Indels (
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US-10-437-963-131597
                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: PAT_MRT4530_49232C.1.pep
US-10-437-963-148841
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Maselbeck, Robert
APPLICANT: Zyskind, Judith
APPLICANT: Zyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Vanamoto, Robert
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Best Local Similarity 58.3
Matches 7; Conservative
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Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 KCKRAAKAKRA 12
                                                                                    TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Oryza sativa
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US-10-282-122A-55143
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US-10-437-963-131597
; SEQ ID NO 148841
; LENGTH: 1039
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FEATURE:
NAME/KEY: SITE
NOTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
OCHIER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
NOTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-302-745
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
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Sequence 745, Application US/09925302

Publication No. US20030064072A9

GENERAL INFORMATION:
TITLE OF INVENTYON: Nucleic Acids, Proteins and Antibodies

TITLE REFERENCE: PAIO4

CURRENT FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: US/09/925,302

CURRENT FILING DATE: 2000-03-08

PRIOR PILING DATE: 2000-03-08

PRIOR PLING DATE: 2000-03-08

PRIOR PLING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 896

SOFTWARE: PATENTIN VEY: 2.0
                                                                  GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PAIO4

CURRENT APPLICATION NUMBER: US/09/925,302

CURRENT FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: COT/US00/05918

PRIOR APPLICATION NUMBER: 60/124,270

PRIOR PLING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 896

SEQ ID NO 745

SEQ ID NO 745
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                        Sequence 745, Application US/09925302 Patent No. US20020044941A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              208 KCKKAASSKA 218
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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NAME/KEY: SITE
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LENGTH: 241
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                                                                                                                                 APPLICANT: Salceda, Susana APPLICANT: Salceda, Susana APPLICANT: Salceda, Susana APPLICANT: Macina, Roberto APPLICANT: Macina, Roberto APPLICANT: Recipon, Herve APPLICANT: Cafferkey, Robert APPLICANT: Cafferkey, Robert APPLICANT: Cannon and Methods Relating to Ovary Specific Genes and Profile OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Profile Repersence: DEX.-0279
TILE OF INVENTION NUMBER: US/10/001,885
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/252,061
PRIOR APPLICATION NUMBER: 60/253,257
READER FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 167
SOFTWARE: Patentin version 3.1
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APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: ISHIKAWA, JUN
APPLICANT: BHIRAWA, JUN
APPLICANT: SHIRAWA, HROSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: HATTORI WASAHIRA
ITILE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERENCE: 249-262
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: UP 2001-204089
PRIOR PILING DATE: 2001-05-30
NUMBER OF SEQ ID NOS: 15109
SENGTH: 138
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Publication No. US20030119018A1
                                                      Sequence 94, Application US/10001885
Publication No. US20040058319A1
GENERAL INFORMATION:
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; ORGANISM: Homo sapien
US-10-001-885-94
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RESULT 9
JS-10-001-885-94
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LENGTH: 106
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Search completed: August 17, 2004, 17:19:20 Job time : 19.9208 secs
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Publication No. US20040123343A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Excal, Thomas J.
APPLICANT: APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
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LOCATION: (39)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                            NAME/KEY: SITE
1 LOCATION: (40)
2 CTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-302-745
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; Sequence 147, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
    APPLICANT: Ghosh, Soumitra S.
    APPLICANT: Rahy, Boin D.
    APPLICANT: Taylor, Steven W.
    APPLICANT: Warnock, Dale E.
    TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
    ITILE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
    TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
    CURRENT APPLICATION NUMBER: US/10/408,765A
    CURRENT APPLICATION NUMBER: US/10/408,765A
    NUMBER OF SEQ ID NOS: 3077
    SEQ ID NO 147
    LENGTH: 284
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                                                                                                                                                         Score 36; DB 12; Length 241;
Pred. No. 3.6e+02;
3; Mismatches 2; Indels
                                                                                                                                                           Query Match
Best Local Similarity 54.5%;
Matches 6; Conservative
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Best Local Similarity 54.5
Matches 6; Conservative
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ORGANISM: Homo sapiens
US-10-408-765A-147
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ORGANISM: Oryza sativa
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US-10-437-963-111630
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LENGTH: 304
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APPLICANT: Wu, Wei APPLICANT: Wu, Wei APPLICANT: Boukharov, Andrey A. APPLICANT: Boukharov, Andrey A. APPLICANT: Barbazuk, Brad APPLICANT: Barbazuk, Brad APPLICANT: Li, Ping TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(5321)B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14 NUMBER OF SEQ ID NOS: 204966 SEQ ID NOS: 204966 LENGTH: 326
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                                                                                  Length 304;
                                                                                    Score 36, DB 16, Length 30
Pred. No. 4.5e+02;
2, Mismatches 3; Indels
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; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_15591C.1.pep
US-10-437-963-111630
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US-10-437-963-174627
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66.7%; Pred. No. 4.8e+02;
iive 1; Mismatches 3
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LOCATION: (1)..(326)
LOCATION: (1)...(326)
FEATURE:
                                                                                                                                                                                                                                                                                                                                        Sequence 174627, Application US/10437963
Dublication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yongwei
                                                                                      Query Match
Best Local Similarity 58.3%;
Matches 7; Conservative
                                                                                                                                                                                                                           161 SKCARKAEPKRA 172
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Matches 8; Conservative
                                                                                                                                                                                  1 AKCKRAAKAKRA 12
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INFORMATION FOR SEQ ID NO: 20 SEQUENCE CHARACTERISTICS: LENGTH: 223 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein
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Sequence 201, App
Sequence 7, Appli
                                                                                                                    August 17, 2004, 15:50:03 ; Search time 14.9257 Seconds (without alignments) 103.766 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/RecoMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-405-205-426-201
US-09-405-301-13565
US-09-409-039A-13565
US-08-152-408-12
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-303-025-14
US-08-346-991-16
US-08-346-991-16
US-08-346-991-16
US-08-346-991-16
US-08-303-028-4
US-08-303-028-4
US-08-303-028-4
US-08-303-025-15
US-08-303-025-15
US-08-303-025-16
US-08-303-028A-5
US-08-303-028A-5
US-08-303-028A-5
US-08-303-028A-5
US-08-460-890A-64
US-08-460-890A-64
US-08-167-641C-64
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135
1 AKKARAAKKARAAKKARAAKKARA 30
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                                                                                                                                                                                                                                                                                                                                                    389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                 - protein search, using sw model
                                                                                                                                                                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext
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Maximum DB seq length: 200000000
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Match Length DB
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                                                                                                                                                                                                            Title:
Perfect score:
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                                                                                     OM protein
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                                                                                                                                                                                                                                                     Sequence:
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64, APP1
7073, APP1
6, APP1
3, APP1
3, APP1
8, APP1
13, APP1
11, APP1
     Sequence Seq
US-08-460-971A-63
US-08-460-971A-64
US-08-462-040-63
US-08-462-040-63
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-5
US-09-405-743A-3
US-08-152-488-3
US-08-677-304-3
US-08-677-304-3
US-08-677-304-3
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-405-743A-4
US-09-252-991A-23085
US-08-152-488-10
US-08-152-488-11
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RESULT 1

US-09-05-101. Application US/0905855

Pactor No. 6160039

Pactor No. 6160039

Pactor No. 6160039

Pactor No. 6160039

PAPLICANT Tan. Paul

APPLICANT Stance. Mass

APPLICANT MASS

A
ALIGNMENTS
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1 AKKARAA--KKARAAKKARAAKKARA 30
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Patent No. 6610836
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT CRGANISM: Klebsiella pneumoniae US-09-489-039A-13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: RI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   54.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 56.8
Matches 21; Conservative
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INFORMATION FOR SEO ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cranford
                                                                                                                               RESULT 4
US-09-489-039A-13565
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US-08-152-488-12
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL SEGUENCH AND DEVELORMEN CO., Ltd.
TITLE OF INVENTION:
GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REPERBYCE:
GURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE:
1999-09-24
NUMBER OF SEG ID NOS: 7
SOFTWARE: PALENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                Sequence 201, Application US/09205426
; Sequence 201, Application US/09205426
; Patent No. 6406704
; GENERAL INPORMATION:
    APPLICANT: Watson, James D.
    APPLICANT: Tan, Faul L. J.
    TITLE OF INVENTION: Diagnosis of Mycobacterial Infections
    FILE REFERENCE: 11000,1002c4
    CURRENT FILING DATE: 1998-06-11
    EARLIER FILING DATE: 1998-06-11
    EARLIER FILING DATE: 1997-06-12
    EARLIER FILING DATE: 1997-06-29
    NUMBER OF SEQ ID NOS: 208
    SOFTWARE: FastSEQ for Windows Version 3.0
    JENDER: DATE: 203
    TWORTH: 223
    TWORTH: 223
    TWORTH: 223
                                                Length 223;
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                                           Query Match 69.6%; Score 94; DB 3; Length 223
Best Local Similarity 76.7%; Pred. No. 0.00013;
Matches 23; Conservative 0; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       69.6%; Score 94; DB 4; Length 223 hilarity 76.7%; Pred. No. 0.00013; Conservative 0; Mismatches 7; Indels
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OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: PEPTIDE
                                                                                                                                                                                                      147 АККАТААККААРАККАТААККААРАККАРА 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               147 АККАТААККААРАККАТААККААРАККАРА 176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) ORGANISM: Mycobacterium vaccae US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 7
LENGTH: 109
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
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Matches 20; Conserv
US-09-095-855-201
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APPLICANT: GATOMONIC STRONG ST
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Pred. No. 0.064;
3; Mismatches 6; Indels '
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CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: 512 Springfield Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                299 AEKAAAAEKAAABEKAAADKAAKAAAAKAAAAKAAA 335
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STATE: Now Jersey
COUNTRY: United States of America
ZIP: O7016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EMP PC compatible
OPERATING SYSTEM: MS-DG
SOFTWARE: WordPerfect 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFCATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROBINT SHORMATION:
NAME: ROBIN, Benita J.
NAME: ROBING BENITA J.
NAME REPRESENTED BENITA J.
NAME J
13 AKKAKAAKEKKAYAKKEAKAYKAAEAKKKAKA 44
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Gaps
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7
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Best Local Similarity 70.4%; Pred. No. 0.014;
Matches 19; Conservative 4; Mismatches 2; Indels
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APPLICANT: Wakefield, Thomas W. APPLICANT: Wakefield, Thomas W. APPLICANT: Stanley, James C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES. 13
CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Bsq. STREET: 512 Springfield Avenue CITY: Cranford STRIEE: New Jersey COUNTRY: United States of America COUNTRY: United States of America ZIP: 07016-1811
COMPUTER READABLE FORM: MS-DOS SOFTWARE: MS-DOS SOFTWARE: MS-DOS SOFTWARE: WG-DOS SO
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CLASETPICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELECHOMYNICATION INFORMATION:
TELEPHONE: 908-276-3344
TELEFAX: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 KARAAKKA-RAAKKA-RAAKKARAAKK 27
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; FILING DATE: 14-AUG-1993
US-08-677-304-12
                                                                                           TITLE: N/A

DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993

US-08-303-025-14
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AUTHORS: N/A
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TITLE: N/A
PUBLICATION INFORMATION:
         PUBLICATION INFORMATION: AUTHORS: N/A
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
51.9%; Score 70; DB 1; Length 29;
Best Local Similarity 70.4%; Pred. No. 0.014;
Matches 19; Conservative 4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PEPLICANT: Wakefield, Thomas W. APPLICANT: Wakefield, Thomas W. APPLICANT: Andrews, Philip C. APPLICANT: Andrews, Philip C. APPLICANT: Stanley, James C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOWEL PEPTIDES FOR HEPARIN ANTICOAGULATION REVERSAL NUMBERS OF SEQUENCES: 16 CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: Michigan COUNTRY: United States of America CITY: Detroit STREET: Eloppy diskette 3.5" 1.44MD COMPUTER READABLE FORM: MEDIUM TYPE: Floppy diskette 3.5" 1.44MD COMPUTER: IBM PC compatible OPERATING SYSTEM: MS.DGS v.6.22 SOFTWARE: WardPerfect 6.1; ASCII (DOS) Text CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US92/06829 FILING DATE: 14-AUG-1992 APPLICATION NUMBER: PCT/US92/06829 FILING DATE: 14-AUG-1993 ATTORNEY/ASCHION NUMBER: PCT/US92/06829 FILING DATE: 11-NOV-1993 ATTORNEY/ASCHION INFORMATION: REFERENCE/DOCKET NUMBER: 7WH-060548-00231 TELEBCOWMUNICATION INFORMATION: REFERENCE/DOCKET NUMBER: 7MH-060548-00231 TELEBCOWMUNICATION INFORMATION: TELEBCOWUNICATION INFORMATION: TALL AND TOTAL 
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SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHOR: N/A
TITLE: N/A
PUBLICATION INFORMATION:
AUTHOR: N/A
FUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-152-488-12
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US-08-303-025-14
Sequence 14, Application US/08303025
Parent No. 5614494
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60 amino acids
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                    US-08-346-849-16
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                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                        2;
51.9%; Score 70; DB 1; Length 29; 70.4%; Pred. No. 0.014;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           51.9%; Score 70; DB 2; Length 29; 70.4%; Pred. No. 0.014; Live 4; Mismatches 2; Indels
                                      2; Indels
                                                                                                                                                                                                       Sequence 15, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WITCHCAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7WK-060548-00233
                                      4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CAPPLY: 48426
CAPPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPPERATIOS SYSTEM: MS-DOS
SOFTWARE: WordPoerfect 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
RAGISTRATION NUMBER: S, 664
                                                                                                 2 KKKAAKKAAKKAAKKAAKKAKKK 28
                                                                           3 KARAAKKA-RAAKKA-RAAKKARAAKK 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 KARAAKKA-RAAKKA-RAAKKARAAKK 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Michigan
7: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 7M
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                      19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 70.4
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Detroit
STATE: Michiga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               48226
                                                                                                                                                                                           US-08-436-703B-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-436-703B-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGIH:
Query Match
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KKKAAKKAKKAAKKAKKAKK 28

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Sequence 16, Application US/08346849

Patent No. 5670483

GENERAL INFORMATION:
APPLICANT: Lockshin, Curtis
APPLICANT: Lockshin, Curtis
APPLICANT: APPLICANT: APPLICANT: Tick Alexander
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: TWO Milltia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 10
US-08-293-284A-16
US-08-293-284A-16
Sequence 16, Application US/08293284A
Patent No. 595343
GENERAL INFORMATION:
APPLICANT: Alones, Todd
APPLICANT: Zhang, Shuguang
APPLICANT: Rich, Alexander
APPLICANT: Lockshin, Cuttis
APPLICANT: Lockshin, Cuttis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/346,849

FILING DATE:

CLASSIFICATION TOWNER: US/08/346,849

FILING DATE:

PROBLICATION NUMBER: US/08/346,849

APPLICATION NUMBER: US/08/346,849

ATTORNEY/AGENI INFORMATION:

REFERENCE/DOCKET NUMBER: 22,592

REFERENCE/DOCKET NUMBER: MIT-6008

TELECOMMULCATION NUMBER: MIT-6008

TELECOMMULCATION NUMBER: MIT-6008

TELECOMMULCATION NUMBER: MIT-6008

TELECOMMULCATION NUMBER: US/08/361-6240

TELECOMMULCATION INFORMATION:

TELECOMMULCATION INFORMATION:

TELEFRAX: (617) 861-9540

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11 AKKKAAAAKRAAAKAKKEKKEAAKKAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 AKKARAAKKARAAKKARAAK - KARAAKKAR 29
                                                                                                                                                                                                                                                                                                                                                                                    STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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Query Match
Best Local Similarity 58.1%; Pred. No. 0.027;
Matches 18; Conservative 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/929,329
FLING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INPORMATION:
NAME: Breen, John P
REGISTRATION NUMBER: 835910-28685
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEBRHONE: (317) 231-745
TELECOMMUNICATION OF 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1507 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: ACCOUNT ACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AKKARAAKKARAAKKARAAK - KARAAKKAR 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY, AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008FB
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Plasmodium yoelii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: unknown MOLECULE TYPE: protein HYPOTHETICAL: NO MANT
                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-008-898-300-16
Sequence 16, Application US/0889300
Patent No. 6548630
GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Tockshin, Curtis
APPLICANT: Tockshin, Curtis
APPLICANT: Tockshin, Curtis
APPLICANT: Holmes, Table MacROSCOPIC MEMBRANES FORWED BY
ITILE OF INVENTION: THEREFOR TITLE OF INVENTION IN A.A.

STATE: Massachusetts
CURREPONDENCE: ADDABLE FORM:
MEDIUM TYPE: IBM PC compatible
COMPUTER READABLE FORM:
MEDIUM TYPE: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: 22 ULIX 1997
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
FILING DATE: 30 NOVENBER 1994
FILING DATE: 30 NOVENBER 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 2; Length 60;
                           1 AKKARAAKKARAAKKARAAK -- KARAAKKAR 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      51.9%; Score 70; DB 58.1%; Pred. No. 0.02 tive 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 58.1'
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-293-284A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 11
US-08-898-300-16
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Stephan R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (619) 535-9001
TELEPAX: (619) 535-8949
INPORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    218 amino acids
                                                                                                                                                                                STREET: 4370 La Jol
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) CTHER INFORMATION:

) OTHER INFORMATION:

) OTHER INFORMATION:

US-08-837-058-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 15; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                         92122
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Patent No. 6033864

CENERAL INFORMATION:
CENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
Microbial UC pANCA antigens

NUMBER OF SEQUENCES;
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                                   Ä
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                   Gaps
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0
50.7%; Score 68.5; DB 3; Length 1507; 62.1%; Pred. No. 0.7; tive 2; Mismatches 8; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 50.4%; Score 68; DB 3; Length 218; Best Local Similarity 51.7%; Pred. No. 0.14; Matches 15; Conservative 5; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note= "product = Human Histone
H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                                                                   1213 KKAEAVKKAEBAKKKAEAAKKALKLKESR 1241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 KKARAAKKA-RAAKKARAAKKARA 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 KKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLAGSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PATORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEPAK: (619) 535-9001
TELEPAK: (619) 535-9001
TELEPAK: (619) 535-9001
TELEPAK: (619) 535-901
  Query Match
Best Local Similarity 62.1<sup>3</sup>
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1.218
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                     RESULT 13
US-09-041-889-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  a
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Sequence 4, Application US/08837058 Patent No. 6074835 GENERAL INFORMATION: APPLICANT: Braun, Jonathan

US-08-837-058-4

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TITLE OF INVENTION: Liganosis, Wearention and Treatment of ITILE OF INVENTION: Liganosis, Wearention and Treatment of ITILE OF INVENTION: Uncerative Collitis, and Clinical Subtypes Thereof, Using CHILLS OF INVENTION: Uncerative Collitis, and Clinical Subtypes Thereof, Using Childs Williams And Collitis, and Clinical Subtypes Thereof, Using Childs Williams and Collitis, Using Companies, Flores Lip Collitis, Using Decopating Flores Lip Collitis, Using Proceedings Collitis, Using Companies, Using Collitis, Usi
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Best Local Similarity 51.7%; Pred. No. 0.14;
Matches 15; Conservative 5; Mismatches 9; Indels
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/417,264
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: US 09/041,889
FILING DATE: Cambbell. Cathryn A.
RAPERTRATION NUMBER: US 09/041,889
FILING DATE: Lambell. Cathryn A.
REGISTRATION NUMBER: P-PM 3006
FILING DATE: NUMBER: P-PM 3006
FILING STATION INFORMATION:
FILING TALEPAN: (619) 535-9901
FILING SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 maino acid
TYPE: amino acid
TYPE: amino acid
FRATURE:
NAME/KEY: Peptide
JOCATION: 11.218
OCHER INFORMATION: H1-S-4"
US-09-417-264-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |||: | ||||: ||||:||
|155 KKAKKPAAAGAKKAKSPKKAKAKAKA 183
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Search completed: August 17, 2004, 16:14:38 Job time: 14.9257 secs

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J Thu Aug 19 07:15:58 2004
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August 17, 2004, 16:06:45 ; Search time 47.302 Seconds (without alignments) 199.100 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published Applications AA:*

1: \cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: \cgn2_6/ptodata/1/pubpaa/PCT_MBW_PUB_pep:*

3: \cgn2_6/ptodata/1/pubpaa/PCT_MBW_PUB_pep:*

4: \cgn2_6/ptodata/1/pubpaa/USO6_NBW_PUB_pep:*

5: \cgn2_6/ptodata/1/pubpaa/USO6_NBW_PUB_pep:*

6: \cgn2_6/ptodata/1/pubpaa/USO8_NBW_PUB_pep:*

7: \cgn2_6/ptodata/1/pubpaa/USO8_NBW_PUB_pep:*

8: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB_pep:*

9: \cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB_pep:*

10: \cgn2_6/ptodata/1/pubpaa/USO9F_PUBCOMB_pep:*

11: \cgn2_6/ptodata/1/pubpaa/USO9F_PUBCOMB_pep:*

12: \cgn2_6/ptodata/1/pubpaa/USO9F_PUBCOMB_pep:*

13: \cgn2_6/ptodata/1/pubpaa/USO9F_PUBCOMB_pep:*

14: \cgn2_6/ptodata/1/pubpaa/USO9F_PUBCOMB_pep:*

15: \cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB_pep:*

16: \cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB_pep:*

17: \cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB_pep:*

18: \cgn2_6/ptodata/1/pubpaa/USOB_PUBCOMB_pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1292805
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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135
1 AKKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1292805 seqs, 313927144 residues
                                                                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                                                                                                Run on:
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		Ouerv				
	Score	Match	Match Length DB	DB	ID	Description
:	94	9.69	223	13	US-10-051-643-201	Sequence 201, App
	94	9.69	223	14	US-10-205-979-52	Sequence 52. Appl
	77.5	57.4	428	12	US-10-282-122A-55748	Sequence 55748, A
	77	57.0	109	σ	US-09-816-989A-7	Segmence 7, Appli
	72	53.3	243	σ	US-09-771-161A-127	Sequence 127. App
	71	52.6	323	12	US-10-282-122A-59321	Sequence 59321, A
	70	51.9	9	16	US-10-390-472-16	Sequence 16, Appl
	70	51.9	217	14	US-10-156-761-10221	Sequence 10221, A
	70	51.9	372	12	US-10-282-122A-68109	Sequence 68109, A
	69.5	51.5	272	14	US-10-156-761-12370	Sequence 12370, A
	68	50.4	55	16	. US-10-240-430-8	Sequence 8, Appli
	68	50.4	99	16	US-10-240-430-7	Sequence 7, Appli
	68	50.4	130	14	US-10-262-209-2	Sequence 2, Appli
	68	50.4	130	16	US-10-240-430-5	Sequence 5, Appli
	69	50.4	218	14	US-10-229-567-4	Sequence 4, Appli

RESULT 2 US-10-20-979-52 Sequence 52, Application US/10205979 ; Publication No. US20030147861A1

68 50.4 234 14 US-10-262-209-1 68 50.4 234 16 US-10-240-430-2 66.5 49.3 293 16 US-10-240-430-2 10 66.5 49.3 421 12 US-10-282-122A-56483 11 66.5 49.3 421 12 US-10-282-122A-56483 12 64.5 47.4 9 8 14 US-10-156-761-101342 13 64.5 47.4 9 9 US-09-816-989A-5 14 47.4 9 6 9 US-09-816-989A-5 15 63.5 47.0 56 9 US-09-816-989A-5 16 63.5 46.7 26 9 US-09-816-989A-5 17 9 US-09-816-989A-6 18 46.7 26 9 US-09-816-989A-6 18 46.7 347 12 US-10-282-122A-66237 19 63 46.7 347 12 US-10-282-122A-66237 19 63 46.7 347 12 US-10-282-122A-66237 19 63 46.7 431 16 US-10-137-931-330-33 19 65 46.3 431 16 US-10-1383-930-33 19 65 46.3 46.7 431 16 US-10-1383-930-33 19 65 46.3 46.7 431 16 US-10-1383-930-33 10 62.5 46.3 139 12 US-10-282-122A-60257 10 63 46.7 432 16 US-10-383-930-31 10 62.5 46.3 139 12 US-10-282-122A-60257 10 63 45.7 432 16 US-10-383-930-31 11 65.5 46.3 139 12 US-10-282-122A-75047 11 66.5 45.9 788 14 US-10-156-761-11364 12 45.6 376 14 US-10-156-761-11364 14 61.5 45.6 407 12 US-10-282-122A-75047	1, Appl	equence			equence	equence	equence		equence 5	9	m	equence 2	equence 33	1824	699	6623	Sequence 120, App	29,	30,	33,	31,	32,	4, AT	602	14484	11306,	18, 4	772,	9889,	e 75047,
68 50.4 234 66.5 64.5 49.3 34.3 66.5 64.5 49.3 373 373 66.5 64.5 49.3 373 66.5 64.5 49.3 373 66.5 64.5 49.3 373 66.5 64.5 49.3 373 66.5 64.5 49.3 373 66.5 64.5 64.5 64.5 64.5 64.5 64.5 64.5	4 US-10-262-209-	6 US-10-240-430-	6 US-10-437-963-18629	2 US-10-425-114-5606	2 US-10-282-122A-5648	4 US-10-156-761-1034	6 US-10-437-963-12516	5 US-10-369-493-1705	US-09-816-989A-5	US-09-816-989A-	US-09-816-989A-	US-09-888-721-	US-09-888-721-32	6 US-10-437-963-18249	2 US-10-282-122A-6996	2 US-10-282-122A-6623	4 US-10-127-032-120	6 US-10-383-930-2	6 US-10-383-930-3	6 US-10-383-930-3	6 US-10-383-930-3	6 US-10-383-930-3	US-09-816-989A-	2 US-10-282-122A-6025	2 US-10-424-599-14484	4 US-10-156-761-1130	0 US-09-949-029-18	2 US-10-282-122A-7577	4 US-10-156-761-9889	2 US-10-282-122A-7504
668850000000000000000000000000000000000	34	34	93	98	21	38	73	9.0	7	9	9	9	9	01 1	36 1	47 1	47 1	31 1	31 1	31 1	32 1	32 1	۰	39 1	73 1	88 1	1 490	76 1	16 1	07 1
66 4 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	8 50.	8 50.	8 50.	7 49.	5 49.	5 49.	5 48.	5 47.	4 47.	4 47.	5 47.	3 46.	3 46.	3 46.	3 46.	3 46.	3 46.	3 46.	3 46.	3 46.	3 46.	3 46.	5 46.	5 46.	2 45.	2 45.	2 45.9	5 45.	45.	45.
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ALIGNMENTS

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APPLICANT: Watson, James D.
APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: Of Immunologically-Mediated Diseases of the Respiratory
TITLE OF INVENTION: System using Mycobacterium Vaccae
FILE REPREBENCE: 11000.100802
CURRENT APPLICATION NUMBER: US/10/051,643
CURRENT FILING DATE: 2002-01-18
FRIOR PILING DATE: 1999-09-17
FRIOR PILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 201
LENGTH: 223
FRIOR FILING DATE: 208
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                         Sequence 201, Application US/10051643
Publication No. US20020197265A1
GENERAL INFORMATION:
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US-10-051-643-201
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: U6/10/282,122A
CURRENT APPLICATION NUMBER: 06/191,078
PRIOR APPLICATION NUMBER: 06/206,848
PRIOR APPLICATION NUMBER: 06/206,848
PRIOR APPLICATION NUMBER: 06/206,848
PRIOR APPLICATION NUMBER: 06/207,727
PRIOR APPLICATION NUMBER: 06/230,335
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-09
PRIOR PLING DATE: 2000-09-09
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/233,625
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2001-02-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 223;
                                                                                                               and Methods for the Modulation
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69.6%; Score 94; DB 14; Length 22
Best Local Similarity 76.7%; Pred. No. 0.00027;
Matches 23; Conservative 0; Mismatches 7; Indels
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                      APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
APPLICANT: Abernethy, Nevin
TITLE OF INVENTION: Compounds and Methods for
TITLE OF INVENTION: Of Immune Responses
TITLE OF INVENTION: Of Immune Responses
TITLE OF INVENTION: OF 100.1063U
CURRENT APPLICATION NUMBER: US/10/205,979
CURRENT FILING DATE: 2002-07-25
PRIOR FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PASISEQ for Windows Version 4.0
SEG ID NO 52
LENGTH: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-282-122A-55748
; Sequence 55748
; Publication No. US20040029129A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , ORGANISM: Mycobacterium vaccae US-10-205-979-52
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Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
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APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER I RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR PILING DATE: 1998-09-25
PRIOR PLING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PACHALIAN VERSION 3.1
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-7
                                                                                                                                                            Gaps
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                                                                                                               Length 428;
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| Sequence 127, Application US/09771161A |
| Patent No. US20020110811A1 |
| GENERAL INVENDATION: |
| APPLICANTY LEVINE, et al. |
| TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES |
| FILE REFERENCE: 802620-2005.1 |
| CURRENT APPLICATION NUMBER: US/09/771,161A |
| CURRENT PILING DATE: 2001-01-26 |
| PRIOR PRILING DATE: 2000-11-28 |
| PRIOR FILING DATE: 2000-01-12 |
| PRIOR FILING DATE: 2000-01-15 |
| PRIOR FILING DATE: 2000-06-15 |
| PRIOR FILING DATE: 2000-06-15 |
| PRIOR FILING DATE: 2000-06-15 |
| NUMBER OF SEQ ID NOS: 273 |
| SOFFWARE PATENTIN VERSION 3.0 |
| SEQ ID NO 127 |
                                                                                                            57.4%; Score 77.5; DB 12;
ilarity 70.0%; Pred. No. 0.051;
Conservative 3; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 57.0%; Score 77; DB 9; Best Local Similarity 62.5%; Pred. No. 0.016; Matches 20; Conservative 4; Mismatches
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                                                                                                                                                                                                                                             231 AKKAAAAEKA-AAEKAAAAEKAAADKKAAA 259
                                                                                                                                                                                                            1 AKKARAAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/09816989A
Patent No. US20020115103A1
GENERAL INFORMATION:
APPLICANT: Gad, Alexander
                                          ; ORGANISM: Enterobacter cloacae US-10-282-122A-55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                               Query Match
Best Local Similarity '
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-127
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US-09-771-161A-127
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US-09-816-989A-7
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LENGTH: 428
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DiPersio, C. Michael
Lockshin, Curtis
IIILE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREFOR
THEREFOR
                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS: 64
CORRESPONDENCE ADDRESS: 64
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Learnigton
CITY: Lastnigton
STATE: Massachusetts
COUNTRY: U.S. A.
I.E. 02173-4799
COMPUTER: IBW PC Compatible
OPERATING TYPE: Floppy disk
COMPUTER: IBW PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PRECENT NR Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
ATTORNEY AGENT INFORMATION:
NAMM: BLOCK, DAVIG E.
RECTSTRATION NUMBER: 27,592
ATTORNEY AGENT INFORMATION:
NAMM: BLOCK, DAVIG E.
RECTSTRATION NUMBER: MIT-6008A
TELERCOMMUNICATION INFORMATION:
TELEBEDONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7; Indels
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51.9%; Score 70; DB 16;
Best Local Similarity 58.1%; Pred. No. 0.062;
Matches 18; Conservative 4; Mismatches 7;
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APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATYOKI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT PILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR FILING DATE: 2001-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 60 amino acids
TYPE: amino acid
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10221, Application US/10156761
Publication No. US2030119018A1
GENERAL INFORMATION:
APPLICANT: OMURA, SATOSHI
APPLICANT: ISBA, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: HORIKAWA, JUN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (617) 861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 16
SEQUENCE CHARACTERISTICS
      APPLICANT: Holmes, Todd
                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 8
US-10-156-761-10221
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                                                                                                                                                                                                                                                                                                                                 US-10-282.1428-9331. Application US/10282122A
Publication No. US20040029129A1
APPLICANT: Mange Liangeu
APPLICANT: Maine Cheryl
APPLICANT: Maine Cheryl
APPLICANT: Walk Liangeu
APPLICANT: Travick, Uohn
APPLICANT: Travick, Uohn
APPLICANT: Travick, Uohn
APPLICANT: Travick, Uohn
APPLICANT: Vamenoco, Robert
APPLICANT: Vamenoco
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                                                                  5; Indels
Query Match 53.3%; Score 72; DB 9;
Best Local Similarity 59.3%; Pred. No. 0.14;
Matches 16; Conservative 6; Mismatches
                                                                                                                                                                   2 KKARAAKKARAAKKARAAKKA 28
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US-10-390-472-16
; Sequence 16, Application US/10390472
; Publication No. US20040087013A1
; GENERAL INFORMATION;
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Length 60;

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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/203,335
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-22
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-29
PRIOR FILING DATE: 2000-10-29
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR PRIOR PRILICATION NUMBER: 60/257,931
PRIOR PRILING DATE: 2001-02-09
PRIOR PRILING DATE: 2001-02-06
PRIOR PRILING PRIES PRI PRIOR PRILING PRIPER PR
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                                                                                                                                                                                                                                                                                                                                                                                                                        DB 14; Length 217;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12; Indels
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 51.9%; Score 70; DB 14
Best Local Similarity 60.0%; Pred. No. 0.22;
Matches 18; Conservative 0; Mismatches
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PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 10221
LENGTH: 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-10221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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US-10-282-122A-68109
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US-10-282-122A-68109
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Sequence 8, Application US/10240430

Publication No. US20040110928A1

GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Esseghir, Selma
IIIE REFERENCE: GJE-6402

CURRENT FILING DATE: 2003-04-15

PRIOR APPLICATION NUMBER: DCT/GB01/01697

PRIOR APPLICATION NUMBER: ECT/GB01/01697

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-02-02

PRIOR FILING DATE: 2001-03-04

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 55; Score 68; DB 16; Length 55; 1 Similarity 51.7%; Pred. No. 0.1; 15; Conservative 5; Mismatches 9; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               88 AAAAKAAKQAKSDLADAKKKAEATKKAEAARRAAA 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AKKARAAKKAR----AAKKARAAKKARAAKKARA 30
                                                                                                                                                                                                                                       APPLICANT: IKEDA, HAROO
APPLICANT: IKEDA, HAROO
APPLICANT: ISHIKAWA, JUN
APPLICANT: SHIRAWA, HIROSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: HATTORI, WOSHITWA
ITILE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERENCE: 249-226
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-05-30
SROID NO 12370
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-12370
                                                                                                                                                                                                                     APPLICANT: OMURA, SATOSHI APPLICANT: IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-240-430-8
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Best Local Similarity
Matches 15; Conserv
                                                                                                   RESULT 10
US-10-156-761-12370
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Sequence 7, Application US/10240430

Publication No. US20040110928A1

GENERAL INCRMATION:
APPLICANT CRIMATION:
TILE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GLE-6402

CURRENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-15

PRIOR PILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

NUMBER OF SEQ ID NOS: 14

SEQ ID NO S: 14

SEQ ID NO S: 14

LENGTH: 66
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Publication No. US20030125239A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TYPLE APPLICANT: Esseghir, Selma
TITLE REPERENCE: GJE-6703
CURRENT APPLICATION NUMBER: US/10/262,209
CURRENT APPLICATION NUMBER: US/10/262,209
PRIOR APPLICATION NUMBER: UK 0218324.2
PRIOR PILING DATE: 2002-08-07
PRIOR PLING DATE: 2001-04-12
PRIOR PLING DATE: 2001-04-12
PRIOR PILING DATE: 2001-04-12
PRIOR PLING DATE: 2001-04-12
PRIOR PLING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 50.4%; Score 68; DB 14
Best Local Similarity 51.7%; Pred. No. 0.23;
Matches 15; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Mismatches
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65 KKAKKPAAAGAKKAKSPKKAKAAKPKKA 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 50.4%; Score 68; Best Local Similarity 51.7%; Pred. No. C Matches 15; Conservative 5; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
US-10-262-209-2
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US-10-262-209-2
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RESULT 14 US-10-240-430-5

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Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 130;
Sequence 5, Application US/10240430
| Publication No. US20040110928A1
| GENERAL INFORMATION:
| APPLICAMY: Crisanti, Andrea
| APPLICAMY: Crisanti, Andrea
| APPLICAMY: Crisanti, Andrea
| APPLICAMY: Essephir, Selma
| TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
| FILE REFERENCE: GJG-6402
| CURRENT FELING: POPLICATION NUMBER: PCT/GB01/01697
| PRIOR FILING DATE: 2001-04-12
| PRIOR APPLICATION NUMBER: UK 0102667.3
| PRIOR FILING DATE: 2001-02-02
| PRIOR FILING DATE: 2001-04-12
| PRIOR FILING DATE: 2000-04-12
| PRIOR FILING DATE: 2000-04-12
| NUMBER OF SEQ ID NOS: 14
| SOFTWARE: PatentIn Version 3.1
| SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9; Indels
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WINDLIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DGS/MS-DGS
SOFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 68; DB 16
Pred. No. 0.23;
5; Mismatches
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ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,915
REPRENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-Aug-2002
FLIASSIFICATION: UDKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: <Unknown>
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 KKARAAKKARAAKKARAAKKARA 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/10229567
Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 51.7%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
CORGANISM: Homo sapiens
US-10-240-430-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR
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LENGTH: 218 amino acids

TOPOLOGY: linear

TOPOLOGY: linear

TOPOLOGY: linear

TOPOLOGY: linear

TOPOLOGY: linear

TOPOLOGY: linear

LOCATION: 1.218

OTHER INPORMATION: /note= "product = Human Histone

H1-S-4"

SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CQUETY MATCh

GUETY MATCh

Actor Similarity 51.7%; Pred. No. 0.38;

Matches 15; Conservative 5; Mismatches 9; Indels 0; Gaps

OY 2 KKARRABAAKKARAAKKARAAKKARABA

OD 155 KKARRABAAKKARAAKKARABARKARAB 30

DD 155 KKARKRABAAKKARASPKKARARARPKKA 183
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Search completed: August 17, 2004, 17:19:20 Job time : 47.302 secs

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NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STRESSEET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
CITY: San Diego
CITY: USA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 27, Appl
Sequence 17, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 14, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 22853, A
Sequence 22853, A
Sequence 22853, A
Sequence 25, Appl
Sequence 21, Appl
Sequence 21, Appl
Sequence 11, Appl
Sequence 17, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 29581, A
                                                                August 17, 2004, 15:50:03 ; Search time 19.901 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 3
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1 arkkaakaarkkaakkaakkkaakkaakaaka 40
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(GgnZ_6/ptodata/2/iaa/5A_COMB.pep:*

(GgnZ_6/ptodata/2/iaa/5B_COMB.pep:*

(GgnZ_6/ptodata/2/iaa/6A_COMB.pep:*

(GgnZ_6/ptodata/2/iaa/6B_COMB.pep:*

(GgnZ_6/ptodata/2/iaa/PGTUS_COMB.pep:*

(GgnZ_6/ptodata/2/iaa/PGTUS_COMB.pep:*

(GgnZ_6/ptodata/2/iaa/PGTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-252-991A-29581
US-09-041-889-27
US-09-041-889-27
US-08-346-849-16
US-08-346-849-16
US-08-995-170-16
US-08-995-170-16
US-08-995-170-16
US-09-150-812-26
US-09-150-812-25
US-09-252-991A-22853
US-09-252-991A-22853
US-08-995-172-21
US-08-995-172-21
US-08-995-172-17
US-08-303-244A-17
US-08-346-849-17
US-08-995-172-13
US-08-995-172-13
US-08-995-172-13
US-08-995-172-13
US-08-995-172-21
US-08-995-172-13
                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                             389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                            OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seg length: 200000000
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Match Length DB
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Perfect score:
Sequence:
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                                                                                                                                                            Scoring table:
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97
97
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Sequence 3, Appli Sequence 5, Appli Sequence 6, Appli Sequence 6, Appli Sequence 10, Appli Parent No. 5482709 Sequence 11, Appl Sequence 12, Appli Sequence 29, Appli	SEQUENCES RELATING TO PSEUDOMONA ND THERAPEUTICS	Length 407; Indels 1; Gaps 1; 38 261	. Subtypes Thereof, Using
US-09-405-743A-3 US-09-405-743A-5 US-09-405-743A-6 US-08-668-255-5 5273901-7 S-28-250-6 US-08-152-48B-13 US-08-133-025-15 US-08-313-025-15 US-08-313-025-15 US-08-317-73A-29 US-08-217-73A-29 US-08-277-71-29 US-08-457-71-29 US-08-457-71-29 US-08-457-17-29	NMENTS: LA AMINO ACID LAGNOSTICS A 7991A 788	core 112.5; DB 4; red. No. 1e-05; Mismatches 3; AKAARKK-AAKAARKKAA : :	041889 sis, Prevention and Treatment ive Colitis, and Clinical Su
0 C B C C C C C C C C C C C C C C C C C	181, Application US/09 181, Application US/09 181, Application US/09 181, Application US/09 181, Application US/09 181, Application Wolder 181, Application Worker 181, Application Wolder 181, Application Wolder 181, Application US 60 181, Application U		ttion US/0904188 7: Jonathan 7: Offer NN: Diagnosis, NN: Ulcerative NN: Wicrobial U
88 88 88 88 88 82 2 2 2 2 2 2 2 2 2 2 2	1A.29581 6581795 6581795 FORMATION INVENTION INVENTION INVENTION ILING DATE: LICATION DATE: LICATION DATE: LICATION DATE: SEQ ID NG 29581 407	1A-29581 h Similarity 26; Conser 1 ARKKAAKAA: : : 3 AKKKAAEDA	889-27 27, Application of 603864 CO. 6033864 CANT: Braun, JCANT: Chavy, CANT: CO INVENTION: OF INVENTION: OF INVENTION: OF INVENTION:
8822 330 330 330 330 330 444 444 444 881 881 881 881 881 881	SESULT Seque Pater APPI TITH TITH TITH TITH PRIC PRIC PRIC PRIC PRIC PRIC PRIC PRIC	US-US-252-991A Query Match Best Local S Matches 26 QY 1 Db 223	RESULT 2 US-09-041-889-27 Sequence 27, Application US/090418, Patent No. 6013864 GENERAL INFORMATION: APPLICANT: Braun, Onathan TITLE OF INVENTION: Diagnosis, TITLE OF INVENTION: Ulcerative TITLE OF INVENTION: Microbial NUMBER OF SEQUENCES: 41

AS

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US-08-346-849-16
; Sequence 16, Application US/08346849
; Patent No. 5670483
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Holmes, Todd
                                            : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60 amino acids
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        SEQUENCE CHARACTERISTICS:
                                                                            TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-417-264-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
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                                                                                                                                                                                                                                                                               Query Match
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Matches
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Patent No. 6537768

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
Ulcerative Colltis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION:
UNDERSONDERSONDERSONS 41

CORRESPONDENCE ADDRESS:
ADDRESSES:
CADDRESSES:
CADDRES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5;
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53.9%; Score 97; DB 3; Length 214;
Best Local Similarity 67.5%; Pred. No. 0.00029;
Matches 27; Conservative 1; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          121 KKATKAAKKAATKAPARKAATKAPAKKAATKAPAKKAVKA 160
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE: US/09/041,889
FILING DATE: US/09/041,889
FILING APPLICATION:
PRIOR APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATPONEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 31,815
REFERENCE/OFCET NUMBER: 31,815
REPRENCENCE OF SAS-9001
INFORMATION FOR SEQ ID NO: 27: SEQUENCE CHRARACTERISTICS:
LENTH: 214 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 KKAAKAARKKAAKA-ARKKAAKAARKKAA-KAARKKAAKA 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25
APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Campbell, Cathryn A.
REGISCREATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn ?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 214 amino acids amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear

MOLECULE TYPE: peptide

US-09-041-889-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 3
US-09-417-264-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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NUMBER OF SECUENCES: 64
CORRESPONDENCE ADDRESS: 64
CORRESPONDENCE ADDRESS: 64
CORRESPONDENCE ADDRESS: 64
CORRESPONDENCE ADDRESS: 64
CORPUTE: Massachusetts
COUNTY: U.S.A.
ZIP: Massachusetts
COUNTY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: DEACHORD MATA: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,849
FILING DATE: 28 DECEMBER 1992
ATTCRNEY/AGENT INFORMATION:
NAME: BIOOK, DAVIGE: 22,592
REGISTRATION NUMBER: Z2,592
REFERENCE/DOCKET NUMBER: MIT-6008
TELERHONE: (617) 861-6240
TELERHONE: (617) 861-6240
TELERHONE: (617) 861-6240
TELERHONE: (617) 861-6240
                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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     Length 214;
                                                                                                                             121 KKATKAAKKAATKAPAKKAATKAPAKKAATKA 160
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                                                                                            3 KKAAKAARKKAAKA-ARKKAAKAARKKAA-KAARKKAAKA
Match 53.9%; Score 97; DB 4; in Local Similarity 67.5%; Pred. No. 0.00029; les 27; Conservative 1; Mismatches 10.
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Sequence 14, Application US/08995172B
Sequence 16. Application US/08995172B
GENERAL INFORMATION:
APPLICANT: Thatcher, David R
APPLICANT: Wilks, Paula E
TITLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
FILE REFERENCE: CACO0026
CURRENT APPLICATION NUMBER: US/08/995,172B
GURRENT FILING DATE: 1997-12-22
EARLIER PAPLICATION NUMBER: 60/033,908
EARLIER PILING DATE: 1996-12-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52.5%; Score 94.5; DB 4; Length 60; 60.0%; Pred. No. 0.00017; ive 4; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        52.2%; Score 94; DB 3; Length 49; 56.4%; Pred. No. 0.00016; ive 5; Mismatches 12; Indels
                                         COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPPY disk
MEDIUM TYPE: RIOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SUSTWARE: Patentin Release #1.0, Version #1.25
SUSTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DARA:
APPLICATION NUMBER: US/08/898,300
FILING DATE: 20 JULY 1997
CLASSIFICATION NUMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK DAYIG E.
REGISTRATION NUMBER: 22,592
REFERBNEC/POCKET NUMBER: MIT-6008FB
TELECOMMUNICATION INDERR: MIT-6008FB
TELECOMMUNICATION INDERR: MIT-6008FB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAARKAAKAARKKAAKAARKKAAKA 40
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ORGANICM: Artificial Sequence
PEATURE:
NAME/KEY: UNSURE
LOCATION: (49)
OTHER INFORMATION: Xaa is Cys with Acm sidechain
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 60.0°
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-898-300-16
Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 22; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 7
US-08-995-172-14
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Sequence 16, Application US/08898300

Batent No. 6548630

GENERAL INFORMATION:

APPLICANT: Zhang, Shuguang

APPLICANT: Atch, Alexander

APPLICANT: Atch, Alexander

TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY

TITLE OF INVENTION: TERREFOR

NUMBER OF SEQUENCES: 64

CORRESPONDENCES: 64

ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

STREET: Two Militia Drive

CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                  APPLICANT: HOLMES, Todd
APPLICANT: Abanger, Todd
APPLICANT: Alexander
APPLICANT: Rich, Alexander
APPLICANT: DiPersio, C. Michael
APPLICANT: Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
NUMBRE OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Millitia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 94.5; DB 2; Length 60; Pred. No. 0.00017;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTER HEADABLE FORM:

ZIP: 0213-4799

COMPUTER READABLE FORM:

MEDIUW TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DCS/MS-DCS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/06/293,284A

FILING DATE: 22-AUG-1994

FLING APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 07/973,326

FILING DATE: 22-DEC-1992

ATOMNEY AGENT INFORMATION:

NAME: BLOOK, DAVIG E.

REGISTRATION NUMBER: 2. 592

REGISTRATION NUMBER: 2. 592

REGISTRATION NUMBER: 2. 592

REGISTRATION NUMBER: 2. 592

REGISTRATION NUMBER: 2. 593

REGISTRATION NUMBER: 3. 593

REGISTRATION NUMBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARKKAAKAARKKAAKAARKKAAKKAAKAAKA 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11 AKKKAAAAKRKAAAKA - - KKAKKPKKKAAKKAKKAKK 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Mismatches
                           Sequence 16, Application US/08293284A Patent No. 5955343 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    52.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 60 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lexington
Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , MOLECULE TYPE: protein US-08-293-284A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ouery Match
Best Local Similarity
   US-08-293-284A-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 6
US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Ma
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GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR PELICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PLING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PLING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match 52.2%; Score 94; DB 4; Length 49; Best Local Similarity 56.4%; Pred. No. 0.00016; Matches 22; Conservative 5; Mismatches 12; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   203 AKTAAAKPAAKPAAKPTAKAAKPATKPAAKAAAKPAAK 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKAAKAARKKAARKKAARKKAAKAARKKAAK 39
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52.2%; Score 94; DB 4; I
Best Local Similarity 61.5%; Pred. No. 0.00088;
Matches 24; Conservative 1; Mismatches 14;
                                                                                                                                                                        COMPUTER IDAD 4 isk
COMPUTER: IDAD 7 isk
COMPUTER: IDAD PC compatible
COMPUTER: IDAD PC compatible
COMPUTER: IDAD PC compatible
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/150,812
FILING DATE: 11-Sep-1998
CLASSIFICATION NUMBER: 08/839,624
FILING DATE: CURKNOWN-
APPLICATION NUMBER: US 60/017,268
FILING DATE: 13-MAY-1996
APPLICATION NUMBER: US 60/017,268
FILING DATE: 13-MAY-1996
APPLICATION NUMBER: 34,380
FEGISTRATION NUMBER: 34,380
TELECOMMUNICATION INFORMATION:
TELEFRANCE/DOCKET NUMBER: 3255/5390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: unknown
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 32957, Application US/09252991A Patent No. 6551795
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
                                         STATE: Massachusetts
                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
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US-09-150-812-26
i Sequence 26. Application US/09150812
j Patent No. 6395891
i GENERAL INFORMATION:
i APPLICAWT: Karn et al.
i APPLICAWT: Karn et al.
i TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
0
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Patent No. 6225045
GENERAL INFORMATION:
APPLICANT: Reserve et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
TITLE OF INVENTION: HIV INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 49;
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1 ARKKAAKAARKKAARKKAAKAARKKAAKAAR 39
                                             1 ARKKAAKAARKKAAKKAAKKAAKKAAKKAAK 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 94; DB 3; ]
Pred. No. 0.00016; 5; Mismatches 12
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ADDRESSEE: Banner & Witcoff, Inc.
STREET: One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:
PRILING DATE: BY 08/08/99,624
FILLING DATE: APPLICATION DATA:
APPLICATION NUMBER: PCT/GB96/78191
FILLING DATE: 15-APR-1996
FILLING DATE: 15-APR-1996
FILLING DATE: 15-APR-1996
FILLING DATE: 15-APR-1996
APPLICATION NUMBER: PCT/GB96/78191
FILLING DATE: 13-APR-1996
ATCOMBY/AGENT INFORMATION:
NAME: KATHLEEN M. WILLIAMS
REGISTRATION NUMBER: 34,380
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRANES: 617-345-9111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEB: Banner & Witcoff, Inc.
STREET: One Financial Center
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MEDIUM TYPE: Floppy disk
CMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      52.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 56.4'
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       49 amino acids
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Sequence 25, Application US/09150812
Sequence 25, Application US/09150812
Patent No. 6395891
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
HIV INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
48.3%; Score 87; DB 3; Length 37;
Best Local Similarity 55.6%; Pred. No. 0.00073;
Matches 20; Conservative 5; Mismatches 11; Indels
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APPLICATION NUMBER: US/09/150,812
FILING DATE: 11-Sep-1998
CLASSIFICATION: CURROWN>
PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER:
PILING DATE: CURROWN>
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ADDRESSE: Banner & Witcoff, Inc.
STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: FLORDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBN PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/839,624
FILING DATE: April 15, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB96/78191
FILING DATE: 15-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/017,268
FILING DATE: 13-MAY-1996
ATPONEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTATION NUMBER: 34,380
PREPERPENCY HONCKET MIMMER: 3255/5390
One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 32
TELECOMMUNICATION : TELEPHONE: 617-345-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 617-345-910
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           37 amino acids
          STREEL:
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amino acid
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US-09-150-812-25
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APPLICANT: Gary Breton et. al

APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 1090-01-27

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR SEQ ID NOS: 14342

SEQ ID NO 13565

LENGTH: 469
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49.2%; Score 88.5; DB 4; Length 469;
Best Local Similarity 54.9%; Pred. No. 0.0051;
Matches 28; Conservative 2; Mismatches 10; Indels 11;
                                                                                   Sequence 22853, Application US/09252991A
Fatent No. 6551795
Fatent No. 6551795
JERNERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATI
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERBENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
FRIOR PAPLICATION NUMBER: US 60/074,788
FRIOR PELING DATE: 1998-02-18
FRIOR PELING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 399
LENGTH: 399
LENGTH: 399
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Patent No. 6225045
GENERAL INFORMATION:
APPLICANT: Karn et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 88.5; DB 4; Length 399;
Pred. No. 0.0044;
0; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                306 AAKPAAKPAAKPVAKSAAAKPAAKPAAKPAAKPAAKPAAKPAAK 349
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 59.1%;
Matches 26; Conservative (
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US-09-489-039A-13565
                                                        RESULT 11
US-09-252-991A-22853
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US-08-839-624-25
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Gaps

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## Sequence 21, Application US/08995172B
## Sequence 21, Application US/08995172B
## Sequence 21, Application US/08995172B
## Sequence 11, Application US/08995172B
## SPELICANT: Thatcher, David R
## APPLICANT: Wilks, Paula E
## TITLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
## TITLE OF INVENTION: Optimization of Gene Delivery and Gene Delivery Systems
## CURRENT FILING DATE: 1990-12-22
## CURRENT FILING DATE: 1990-12-22
## SEALIER FILING DATE: 1996-12-23
## NUMBER OF SEQ ID NOS: 25
## SOFTWARE: Patentin Ver. 2.1
## SEQ ID NO 21
## SEQ ID NO 21
## SEC ID N
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LOCATION: (38)
OTHER INFORMATION: Xaa is Cys with Acm sidechain
FEATURE: PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide
US-08-995-172-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 48.3%; Score 87; DB 4; Length 37; Best Local Similarity 55.6%; Pred. No. 0.00073; Matches 20; Conservative 5; Mismatches 11; Indels
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48.3%; Score 87; DB 3; Length 38;
Best Local Similarity 55.6%; Pred. No. 0.00075;
Matches 20; Conservative 5; Mismatches 11; Indels
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APPLICATION NUMBER: US 60/017,268
FILING DATE: 13-MAY-1996
NTTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9110
TELEPAX: 617-345-9110
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acids
SEQUENCE THEORY
SECUENCE THEORY
SEQUENCE THEORY
SECUENCE THEO
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Onlsen, Variant APPLICANT: Zyskind, Judith APPLICANT: Zyskind, Judith APPLICANT: Trawick, Judith APPLICANT: Wall, Daniel APPLICANT: Trawick, John APPLICANT: Trawick, John APPLICANT: Trawick, John APPLICANT: Forsyth, R. APPLICANT: Yamamoto, Robert APPLICANT: Forsyth, R. APPLICANT: Xu, H. Forsyth, R. APPLICANT: Xu, H. Strenger, Solder, Sol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6627, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Haselbeck, Robert
Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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APPLICANT:
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Sequence 68109, A
Sequence 58105, A
Sequence 55748, A
Sequence 55247, A
Sequence 62547, A
Sequence 27, Appl
Sequence 77, Appl
Sequence 7614, A
Sequence 7614, A
Sequence 7614, A
Sequence 7614, Appl
Sequence 7614, Appl
Sequence 78190, A
Sequence 78190, A
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                                                                                                                                            // Search time 63.0693 Seconds
(without alignments)
199.100 Million cell updates/sec
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1: /cgn2_6/prodate/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/prodate/1/pubpaa/PCT_TBW PUB.pep:*
4: /cgn2_6/prodate/1/pubpaa/SCT_BW PUB.pep:*
4: /cgn2_6/prodate/1/pubpaa/USO6_NEW PUB.pep:*
5: /cgn2_6/prodate/1/pubpaa/USO6_NEW PUB.pep:*
6: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
7: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
8: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
9: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
10: /cgn2_6/prodata/1/pubpaa/USO9_PUBCOMB.pep:*
11: /cgn2_6/prodata/1/pubpaa/USO9_PUBCOMB.pep:*
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180
1 ARKKAAKAARKKAAKAARAARKKAAKKAAKA 40
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-127-032-120
US-10-282-122A-68109
US-10-282-122A-69962
US-10-282-122A-69962
US-10-282-122A-62109
US-10-282-122A-6247
US-10-282-122A-64817
US-10-282-122A-64817
US-10-282-122A-76514
US-10-282-122A-76514
US-10-282-122A-76514
US-10-282-122A-76514
US-10-282-122A-76514
US-10-282-122A-76514
US-10-282-122A-76514
US-10-282-122A-7619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                              1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                   protein search, using sw model
                                                                                                                                                 August 17, 2004, 16:06:45
                                                                                                                                                                                                                                                                                                                                                                     Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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63911, A
663911, A
521, Appl
451, Appl
451, Appl
461, Appl
461, Appl
3684, Appl
3684, Appl
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3684, Appl
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 US-10-282-122A-63911

US-10-282-122A-66815

US-10-393-449-51

US-10-393-449-45

US-10-393-449-45

US-10-393-449-46

US-10-393-449-46

US-10-393-449-46

US-10-393-449-46

US-10-393-449-46

US-10-177-725-45

US-10-393-449-65

US-10-393-449-53

US-10-393-449-101

US-10-393-449-94

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-393-449-96

US-10-177-725-96

US-10-282-122A-53742

US-10-282-122A-53742

US-10-177-725-103
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ALIGNMENTS

us-09-496-391-42.rapb

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INVENTIÓN: Identification of Essential Genes in Microorganisms
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614 SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             62.2%; Score 112; DB 12; Length 372; 63.2%; Pred. No. 7.6e-05;
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                HILL REFERENCE: ELITRA, 034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT PILING DATE: 2003-02-00

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR PILING DATE: 2000-05-24

PRIOR PILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR APPLICATION NUMBER: 60/207,335

PRIOR FILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-09-09

PRIOR FILING DATE: 2000-09-09

PRIOR FILING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 60/283,625

PRIOR APPLICATION NUMBER: 60/283,625

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PILING DATE: 2000-11-27

PRIOR PILING DATE: 2000-11-27

PRIOR PILING DATE: 2000-11-27

PRIOR PILING DATE: 2000-11-22

PRIOR PILING DATE: 2001-10-20

PRIOR APPLICATION NUMBER: 60/267,636

PRIOR PILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/267,636

PRIOR PILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/267,636

PRIOR APPLICATION NUMBER: 60/269,308

PRIOR PILING DATE: 2001-02-09

PRIOR PILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9; Mismatches
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PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Zyskind, Judith
Wall, Daniel
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-282-122A-69962
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Sequence 120, Application WS/10127032
Publication No. US20030113742A1
GENERAL INFORMATION:
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M. Gita
APPLICANT: Bangera, M. Gita
APPLICANT: Greenberg; Everett Peter
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
TITLE OF INVENTION: METHODS AND COMPOSITIONS
TITLE OF INVENTION: METHODS AND COMPOSITION
FILE REFERENCE: UIZ-070CP
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT FILING DATE: 2002-04-19
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2011-10-24
NUMBER OF SEQ ID NOS: 170
SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 347
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                      PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 66237
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62.5%; Score 112.5; DB 14; Length 347;
Best Local Similarity 66.7%; Pred. No. 6.3e-05;
Matches 26; Conservative 9; Mismatches 3; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 ARKKAAKAARKKAAKKAAKAARKK-AAKAARKKAA 38
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ARKKAAKAARKKAAKKAAKKAAKK-AAKAARKKAA 38
                                                                                                                                                                                                                                                                                                                                                              Query Match 62.5%; Score 112.5; DB 1.
Best Local Similarity 66.7%; Pred. No. 6.3e-05;
Matches 26; Conservative 9; Mismatches 3
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                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-10-282-122A-66237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Pseudomonas aeruginosa
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
PRIOR FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 irawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JS-10-282-122A-68109
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                                                                                                                                                                                                             LENGTH: 347
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PLILING DATE: 2000-03-21
PRIOR PLILING DATE: 2000-03-23
PRIOR PLILING DATE: 2000-03-23
PRIOR PLILING DATE: 2000-05-26
PRIOR PLILING DATE: 2000-09-09
PRIOR PLILING DATE: 2000-09-09
PRIOR PLILING DATE: 2000-10-23
PRIOR PLILING DATE: 2000-10-23
PRIOR PLILING DATE: 2000-11-22
PRIOR PLILING DATE: 2000-11-22
PRIOR PLILING DATE: 2000-11-22
PRIOR PLILING DATE: 2001-12-22
PRIOR PLILING DATE: 2001-12-22
PRIOR PLILING DATE: 2001-02-09
PRIOR PLILING DATE: 2001-02-04
PRIOR PLILING DATE: PARENTIN VERSION 3.1
PROPERABRE: PARENTIN VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Porsyth, R.
APPLICANT: W.H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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Pred. No. 0.00031;
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PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILING DATE: 2001-22-22
PRIOR FILING DATE: 2001-22-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - S
NUMBER: OF SEQ ID NOS: 78614
SEQ ID NO 69962
LENGTH: 336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9; Mismatches
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Sequence 55748, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Pseudomonas syringae
US-10-282-122A-69962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       58.9%;
nilarity 60.5%;
Conservative 9
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
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Trawick, John
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Best Local Similarity
....hes 23; Conserva
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US-10-437-963-152005

US-10-437-963-152005

Sequence 152005, Application US/10437963

Publication No. US20040123343A1

GENERAL INPORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Cao, Yongwei

APPLICANT: Cao, Yongwei

APPLICANT: Cao, Yongwei

APPLICANT: Boukharov, Andrey A.

APPLICANT: Li, Ping

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21 (532218

CURRENT APPLICANT: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 152005

LENGTH: 827
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                                                                                                                                                          Gaps
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                                                                                                                Length 428;
                                                                                                                                                          13; Indels
                                                                                                                                                                                                                                                  198 AAKKAAADAQKKAEAEAAKKAAQEAEKKAAAEAAKKAAAA 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
                                                                                                                                                                                                      40
                                                                                                                                                                                                        1 ARKKAAKAARKKAAKAARKKAAKKKAAKAAKA
                                                                                                           55.0%; Score 99; DB 12; 62.5%; Pred. No. 0.0022; iive 2; Mismatches 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAKAARKKAAKA
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; LENGTH: 428
; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-1228A-55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Yamamoto, Robert
Forsyth, R.
                                                                                                                                 Best Local Similarity 62.5
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Carr, Grant
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Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFWARE: Patentin version 3.1
SEQ ID NO 64817
                                                                                                                                                                                                                                                                                                                                                               Query Match 53.9%; Score 97; DB 12; Length 214; Best Local Similarity 67.5%; Pred. No. 0.0019; Matches 27; Conservative 1; Mismatches 10; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 KKATKAAKKAATKAPARKAATKAPAKKAATKAPAKKAVKA 160
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REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMINICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE: «UNKNOWN»
APPLICATION NUMBER: US 09/041,889
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/10/229,567
FILING DATE: 27-ANG-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide
;
US-10-229-567-27
                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sidence 27, Application US/10229567
Sequence 27, Application US/10229567
Publication No. US20030092080A1
GENERAL INFORMATION:
APPLICANT: Exun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (619) 535-8949
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: San Diego
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
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US-10-229-567-27
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              PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-110-23
PRIOR PLING DATE: 2000-110-23
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PLING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PLING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SENGTHAR: 2014
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FLLE REFERENCE: ELITRA.0348
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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Pred. No. 0.0019;
1; Mismatches 10; Indels
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Publication No. US20040029129A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-06
PRIOR FILING DATE: 2000-06-06
PRIOR PLING DATE: 2000-09-06
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OR FILING DATE: 2000-09-06

OR FILING DATE: 2000-09-09

OR FILING DATE: 2000-10-23

OR FILING DATE: 2000-10-23

OR PILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27

OR FILING DATE: 2000-11-27
        APPLICATION NUMBER: 60/206,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Mycobacterium bovis
US-10-282-122A-62547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 67.5%;
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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US-10-282-122A-64817
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Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREPOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PATENTIN VERSION 3.1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                         53.3%; Score 96; DB 12; Length 369; 51.3%; Pred. No. 0.004; ive 10; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS,
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Iwo Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTY 13.2...

COUNTY 13.4799

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-BC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 АКККААКААККААККААККААККААККААККААК
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REGISTRATION NUMBER: 22,592
REGISTRATION INVEST: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-10-390-472-16
Sequence 16, Application US/10390472
Publication No. US20040087013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
This Applicant Charg, Shuguang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 16 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Treponema pallidum
US-10-282-122A-76514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 53.3
Best Local Similarity 51.3
Matches 20; Conservative
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US-09-820-843A-95
Sequence 95, Application US/09820843A
Sequence 95, Application US/09820843A
Sequence 95, Application US/09820843A
GENERAL INFORMATION:
TOWNORMATION:
TITLE OF INVENTION: A COMPUTATIONAL METHOD FOR THE IDENTIFICATION OF CANDIDATE PROTEI
TITLE OF INVENTION: USEFUL AS ANTI-INFECTIVES
FILE REFERENCE: 063915
CURRENT APPLICATION UNMBER: US/09/820,843A
CURRENT PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 118
SOFTWARE: Patentin version 3.0
SEQ ID NO 95
LENGTH: 369
THENDEL OF SEQ ID NOS: 118
SEQ ID NO 95
THENDEL OF SEQ ID NOS: 118
SEQ ID NO 95
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFREENCE: LITTRA.0.34

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/291,078

PRIOR PILING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-36

PRIOR FILING DATE: 2000-09-06

PRIOR PRILING DATE: 2000-09-09

PRIOR PLILING DATE: 2000-09-09

PRIOR APPLICATION NUMBER: 60/230,35

PRIOR APPLICATION NUMBER: 60/220,35

PRIOR APPLICATION NUMBER: 60/220,35

PRIOR APPLICATION NUMBER: 60/220,2578

PRIOR APPLICATION NUMBER: 60/253,625
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                                                                           121 KKATKAAKKAATKAPARKAATKAPAKKAATKA 160
                                          KKAAKAARKKAAKA-ARKKAAKAARKKAA-KAARKKAAKA 40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
OTHER INFORMATION: conserved hypothetical protein
NAME/KEY: misc_feature
OTHER INFORMATION: gi|3322751
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Tyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-282-122A-76514
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR FILING DATE: 2000-09-09

PRIOR FILING DATE: 2000-10-23

PRIOR PLICATION NUMBER: 60/242,578

PRIOR PLICATION NUMBER: 60/253,625

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2001-22-2

PRIOR PLING DATE: 2001-22-3

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16

PRIOR FILING DATE: 2001-02-16

PRIOR FILING DATE: 2001-02-16

PRIOR FILING DATE: 2001-03-16

PRIOR FILING DATE: 2001-0
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PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR PLING DATE: 2000-05-24
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PRING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-12-26
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-09
PRIOR PLING DATE: 2001-02-06
PRIOR PLING DATE: 2001-02-06
PRIOR PLING DATE: 2001-02-06
PRIOR PLING DATE: 2001-02-06
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ITILE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Pred. No. 0.007;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ARKKAAKAARKKAARKKAAKAARKKAAKAAKA 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 50803, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52.2%;
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APPLICANT: Banudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trawick, John
Carr, Grant
Yamamoto, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Yersinia pestis
US-10-282-122A-78190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wall, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 24; Conserv
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Publication No. US20030039953A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USEFUL AS ANTI-INFECTIVES
FILE OF INVENTION UNMER: US/09/820,843A
CURRENT FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 118
SOFTWARE: Patentin version 3.0
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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OTHER INFORMATION: polyhydroxyalkanoate synthesis protein PhaF
NAME/KEY: misc_feature
OTHER INFORMATION: ga|9951352
                                                                                                                        Length 60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         52.2%; Score 94; DB 10; Length 309; ilarity 61.5%; Pred. No. 0.0056; Conservative 1; Mismatches 14; Indels
                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                        1 ARKKAAKAARKAARKKAAKKAARKKAAKKAAKA 40
                                                                                                                                                                                                                                                                                                                 188 АКТАААКРААКРТАКААКРАТКРАТКРААКРААКРААК
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                                                                                                                            DB 16;
                                                                                                                                                                                                o.
                                                                                                                        52.5%; Score 94.5; DB 60.0%; Pred. No. 0.001;
                                                                                                                                                                                            4; Mismatches
                  SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 78190, Application US/10282122A Publication No. US20040029129A1
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PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Systind, Judith
APPLICANT: Yall, Daniel
APPLICANT: Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                          Local Similarity 60.0
les 24; Conservative
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Best Local Similarity
Matches 24; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -122A-78190
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                          ;
US-10-390-472-16
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LENGTH: 309
                                                                                                                        Query Match
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                                                                                                                                                                                                Matches
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; NUMBER OF SEQ ID NOS: 78614
; SOFTMARE: Patentin version 3.1
; SEQ ID NO 50803
; LENGTH: 875
; TYPE: PRT
; ORGANISM: Bordetella pertussis
US-10-282-122A-50803
Query Match
Est Local Similarity 63.4%; Pred. No. 0.015;
Matches 26; Conservative 1; Mismatches 12; Indels
```

2; Gaps

Search completed: August 17, 2004, 17:19:21 Job time : 64.0693 secs

us-09-496-391-43.rai

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RESULT 1

US-09-252-991A-29581

Sequence 29581, Application US/09252991A

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AUGUST 1939-02-18

CURRENT REPERROR: 1979-02-18

PRIOR PPLICATION NUMBER: US 60/074,788

PRIOR PPLICATION NUMBER: US 60/094,190

PRIOR PPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 29581

LENGTH: 407

TYPE: PRT

CREADING PREDICTION NUMBER: US 60/094,190

TYPE: PRT

CREADING PREDICTION UNMBER: US 60/094,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-041-889-27;
Sequence 27, Application US/09041889;
Sequence 27, Application US/09041889;
Patent No. 6033864;
GENERAL INFORMATION:
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
  Sequence 15, Appl Sequence 22853, A Sequence 21, Appl Sequence 21, Appl Sequence 21, Appl Sequence 5, Appli Sequence 6, Appli Sequence 7, Appli Sequence 6, Appli
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US-08-436-703B-15

US-09-252-991A-22853

US-08-839-624-25

US-08-995-172-21

US-08-995-172-21

US-08-995-172-21

US-08-995-172-21

US-08-995-172-22

US-08-995-172-14

US-08-995-172-14

US-08-995-172-6

US-08-995-172-6

US-08-995-172-6

US-08-995-172-6

US-08-995-172-6

US-08-995-172-7

US-08-99
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ARKKAAKAARKKAAK 23
          ZIP: 92122
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 29581, A Sequence 27, Appl Sequence 13, Appl Sequence 13, Appl Sequence 15, Appl Sequence 16, Appl Sequence 11, Appl Sequence 12, Appl Sequence 12, Appl Sequence 11, Appl Sequence 11,
                                                                                                                                                                     August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     lssued_patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
                                 GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-252-991A-29581

US-09-041-889-27

US-08-152-488-13

US-08-152-488-13

US-08-677-304-13

US-08-677-304-13

US-08-436-025-16

US-08-436-028-4

US-08-346-40-16

US-08-393-284A-16

US-08-293-284A-16

US-08-293-284A-16

US-08-303-025-12

US-08-303-025-13

US-08-303-025-13

US-08-303-025-13

US-08-303-025-13

US-08-303-025-13

US-08-677-304-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                          US-09-496-391-43
108
1 ARKKAAKAAKKAAKAARK 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                              - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Perfect score:
                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                              OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Database :
                                                                                                                                                                                                                                                                                                                              Sequence:
                                                                                                                                                                          Run on:
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Query Match
60.2%; Score 65; DB 4; Length 214;
Best Local Similarity 62.5%; Pred. No. 0.23;
Matches 15; Conservative 2; Mismatches 7; Indels
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Pred. No. 0.053;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Oranford
STATE: New Jersey
COUNTY: United States of America
COUNTY: United States of America
ZIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordferfect 6; ASCII (DOS)Text
CURRENT APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION NUMBER: US/08/152,488
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAM. Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELEPHONE: 908-276-3344
TELEPAX: 908-276-5543
                                                                                                                                                                                                                                                                                                                                                                                                          1 ARKKAAKAARKKAAKA 24
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ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 13, Application US/08152488 Patent No. 5534619 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEB: Benita J, Rohm, Esq
STREET: 512 Springfield Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        59.3%;
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                                      SEQUENCE CHARACTERISTICS:
; LENGTH: 214 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; WLECULE TYPE: peptide
US-09-417-264-27
                                                                                : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: N/
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-152-488-13
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Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 65; DB 3; Length 214; Pred. No. 0.23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7; Indels
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
URRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE: 11-APR-1957
ATTORNEY/AGBNT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTAATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPRAX: (619) 535-9001
TELEPRAX: (619) 535-9001
TELEPRAX: (619) 535-901
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cablryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTR: .

ZIP: 92122
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk

"MEDIUM TYPE: Floppy disk

"MEDIUM TYPE: Ploppy disk

"MEDIUM TYPE: Floppy disk

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Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prev.
TITLE OF INVENTION: Ulcerative Coli
TITLE OF INVENTION: Microbial UC ph
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 62.55
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide US-09-041-889-27
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59.3%; Score 64; DB 1; Length 32;
65.4%; Pred. No. 0.053;
tive 2; Mismatches 5; Indels
Sequence 13, Application US/08677304
Patent No. 5721212
GENERAL INFORMATION:
APPLICANT: Mardrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDERSS:
ADDRESSEE: Benita J, Rohn. ESG.
STREET: Sla Springfield Avenue
CITY: Craniford
STREET: Sla Springfield Avenue
CITY: Craniford
STREET: Sla Springfield Avenue
CITY: Craniford
STREET: Sla Springfield Avenue
CITY: United States of America
ZIP: 07016-1811
COMPUTER. READABLE FORM:
MEDIUM TYPE: LIBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect G; ASCII (DOS) Text
CURASIPICATION NAMER: US/08/677,304
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohn. Benita J.
REGISTRATION NUMBER: R. RM-7WG
TELEFOXMENIONIN MEDIUM S. ROHDS S. OF WARTEN S. OF 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKAAKAAR -- KKAAKAARKAAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5 AAKKAKKAAKKAKKAKKAAKKA 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE: N/A;
PUBLICATION INFORMATION;
DOCUMENT NUMBER: PCT/US92/08069;
FILLING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 65.4<sup>3</sup>
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 7
US-08-436-703B-2
                      Gaps
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(7)
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Best Local Similarity 65.4%; Pred. No. 0.053;
Matches 17; Conservative 2; Mismatches 5; Indels
                      Indels
                                                                                                                                                                                                      COUTY: Detroid
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY AGENT INFORMATION:
NAME: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: 7MH-060548-00231
TELEPHONE: 313-496-494
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: Amino acid
                      2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Benita J, Rohm, Esg.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 ARKKAAKAAR -- KKAAKAARKAAKA 24
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                                                                            1 ARKKAAKAAR - - KKAAKAARKKAAKA 24
                                                                                                        5 AAKKAKKAAKKAAKKAAKKA 30
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DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-303-022-15
                         17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Detroit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 6
US-08-677-304-13
                         Matches
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/08436703B
Sequence 4, Application US/08436703B
Batent No. 5919761
GENERAL INFORMATION:
APPLICANT: Warefield, Thomas W. APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR TITLE OF INVENTION: HEPARIN ANTICOAGLIATION RECERT OF INVENTION: ANTICOAGLIATION REVERSAL NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: Suite 1525
CORRESPONDENCE ADDRESS: ADDRESSE: MICHAGEN STREET: Suite 1525
CONTRY: United States of America STATE: Michagen COUNTRY: United States of America ZIPA 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER SADABLE FORM: MS-DOS SOFTWARE: MS-DOS SOFTWARE: MS-DOS
                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: Inh PC compatible
COMPUTER: Margherfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIPICATION: 14-AQC-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AQC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REPERRNCE/DOCKET NUMBER: 7WH-060548-00231
TELECHOMNICATION INFORMATION:
NAME: Rohm, Benita J.
REPERRNCE/DOCKET NUMBER: 7WH-060548-00231
TELECHOMNICATION INFORMATION:
TELECHOM INFORMATION INFORMATION:
TELECHOM INFORMATION INFORMATION:
TELECHOM INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORM
                                                                                                                                                                                       (DOS) Text
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TITLE: N/A,
; DOCOMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE N. MOLECULE TYPE N. MOLECULE SOURCE: ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               33 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGIH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sequence 16, Application US/08303025
; Patent No. 5614494
; GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TILLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: 16 MATICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita T.
STPREW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: NS-LOS
SOFTWARE: WordPerfect 6;
SOFTWARE: WordPerfect 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILLING DATE: 08-MAY 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILLING DATE: N/A
ATTORNEY, AGENT INPORMATION:
NAME: ROBM: Benita J.
NEGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-060548-00233
TELEPHONE: 313-965-1976
TELEPHONE: 32-805-1976
TELEPHONE: 313-965-1976
TELEPHONE: 313-965-1976
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR ITLE OF INVENTION: WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 14826
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 AAKKAKKAAKKAAKKAKKA 30
                                                                                                                                                                                                                                                                                   CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Michigan
: United States of America
                                                                                                                                                                            ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                   NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Detroit
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US-08-436-703B-2
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PATEUR NO. 595343

GREERAL INFORMATION:
APPLICANT: Holmes, Todd
APPLICANT: Rich, Alexander
APPLICANT: Rich Alexander
APPLICANT: Rich Alexander
APPLICANT: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES
APPLICANT: TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
COMPERSORES: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CONTRY: Lexington
STREET: Two Militia Drive
COMPUTER READABLE FORM:
MEDIUM TYPE: Aloppy disk
COMPUTER READABLE FORM:
MUMBER OF SEGUENCES
COMPUTER: BACENTIN Release #1.0, Version #1.25
COMPUTER: Description Dayle:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTOMEN' ASERTINGENGARATION:
NAME: Brook, David E.
REGISTRATION NUMBER: MIT-6008A
TELEBROWMUNICATION NUMBER: MIT-6008A
TELEBROWMUNICATION NUMBER: MIT-6108A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                          Score 63.5; DB 1; Length 60;
Pred. No. 0.11;
2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 60;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARKKAAKAARKKAAKA----ARKKAAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                        ----ARKKAAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 16, Application US/08293284A Patent No. 5955343
                   TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acid
TYPE: amino acid
MOLECULE TYPE: protein
US-08-346-849-16
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                  58.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKA
                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 60.7
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-293-284A-16
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Sequence 16, Application US/08346849

PEDLICANT: Chang, Shuguang

APPLICANT: Lang, Shuguang

APPLICANT: Rich, Alexander

APPLICANT: Rich, Alexander

APPLICANT: Holmes, Todd

TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY

TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES AND USES

TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY

TITLE OF INVENTION: STABLE FORM:

TITLE OF INVENTION: THEREFOR

NUMBER OF SEQUENCES:

ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

STATE: Massachusetts

CONFUTER: Massachusetts

CONFUTER: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: Floppy disk

COMPUTER: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: SYSTEM: Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/346,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           59.3%; Score 64; DB 2; Length 33; illarity 65.4%; Pred. No. 0.055; Conservative 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                  7WK-060548-00233
                     CORRELL AFFLUCATION NUMBER: US/08/436,703B
PILING DATE: 08-MAY-1995
CLASCETCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY ROAM; BEHILA J.
NAME: ROAM; BEHILA J.
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: 7WK-060548-0
TELECOMMUNICATION:
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ARKKAAKAAR - KKAAKAARKKAAKA 24
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3R: MIT-6008
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CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brock, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008
                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEC ID NO: 4
SEQUENCE CHRACATERISTICS:
LENGTH: 33 antho acids
TYPE: amino acid
STRANDEDNESS: N/A
        CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 17; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
US-08-436-703B-4
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                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lackahin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
ITLE OF INVENTION: STR-BE MACROSCOPIC MEMBRANES FORMED BY
ITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
ITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROCK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STREET: Two Militia Drive
COUNTRY: Massachusetts
COUNTRY: Massachusetts
COUNTRY: Delington
MEDIUM TYPE: Ploppy disk
COMPUTER: READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: DATE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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Sequence 12, Application US/08152488
Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 22 JULY 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DAMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
PRIOR APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
RATIORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008FB
TELECOMMUNICATION:
PRICECOMMUNICATION:
11 AKKKAAAAKRKAAKKAKKAAK 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ARKKAAKAARKKAAKA ----ARKKAAK 23
                                                                                                                                                           ; Sequence 16, Application US/08898300
; Patent No. 6548630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INPORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 60.7
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
                                                                                                      RESULT 12
US-08-898-300-16
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TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES:

ADDRESSED: Bearing A. Rahm, Esq.
STREET: 512 Springfield Avenue

STREET: 512 Springfield Avenue

STREET: 512 Springfield Avenue

STREET: 512 Springfield Avenue

COMPUTER RADALES FORM:
MSDIGHT READERS FORM:
MSDIGHT READE
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Search completed: August 17, 2004, 16:14:39 Job time : 11.9406 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-677-304-12

15 Sequence 12, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION:

APPLICANT: Wakefield, Thomas W. APPLICANT: Andrews, Philip C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN DITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN DITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN DITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN DITLE OF INVENTION: ANTICOAGULATION REVERSAL NOVERESEE: Benita J. Rohm, Esq. STREET: SQUENCES: Springfield Avenue CITY: Cranford STREET: Now Jersey COUNTY: United States of America CIP: OCHTY: United States of America CONTYR: United States of America CONTYR: IBM PC compatible OPERATING SYSTEM: WOODPERFECT STANDS SOFTWARE: STA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: S14
PRIOR APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-AUG-1993
APPLICATION NUMBER: WH-060548-00231
TELEPHONE: 313-496-8464
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH SPE: Amino acid
STRANDEDNESS: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
OPERATION N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 KKKAAKKA-KKAAKKAKKAKKA 23
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DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993

US-08-303-025-14
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PUBLICATION INFORMATION:
AUTHORS: N/A
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US-08-677-304-12
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Gaps
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGBNT INFORMATION:
NAME: ROBM, Benita J.
REGISTRATION NUMBER: 28,664
REFRERENCE/POCKET NUMBER: RM-7WG
TELEPONE: 908-276-3344
TELEPHONE: 908-276-5543
INFORMATION POR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 KKKAAKKA-KKAAKKAKKA 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 RKKAAKAARKKAAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE: N/A

PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-677-304-12
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August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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4: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*

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15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                              108
1 ARKKAAKAARKKAAKAARKA 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                  OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Database :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Searched:
                                                                                                                                                                                                               Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 68109, A	Sequence 66237, A	Sequence 120, App	Sequence 69962, A	Seguence 9957, Ap	Sequence 3684, Ap	Sequence 62547, A	Seguence 64817, A	Seguence 27, Appl	Sequence 55748, A	Sequence 13, Appl	Sequence 16, Appl	Seguence 185724,	Sequence 78190, A	Sequence 152005,
QI	US-10-282-122A-68109	US-10-282-122A-66237	US-10-127-032-120	US-10-282-122A-69962	US-10-156-761-9957	US-10-369-493-3684	US-10-282-122A-62547	US-10-282-122A-64817	US-10-229-567-27	US-10-282-122A-55748	US-10-169-613-13	US-10-390-472-16	US-10-424-599-185724	US-10-282-122A-78190	US-10-437-963-152005
	12	12	14	12	14			12	14	12	12	16	12	12	16
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% Query Match	66.7	65.7	65.7	64.8	62.5	62.0	60.2	60.2	60.2	60.2	59.7	58.8	58.3	58.3	58.3
Score	72	71	71	7.0	67.5	67	65	65	65	65	64.5	63.5	63	63	63
Result No.		8	M	4	ហ	9	7	œ	0	10	11	12	13	14	15

Sequence 53742, A Sequence 8221, Ap	equence 24, Ar	Ξ.	equence	eguence 104,	equence :	equence 104,	equence 53,	equence 103,	equence 53,	equence 103,	equence 52,	equence 102,	52,	equence 102,	equence 51,	equence 101,	51,	equence 101,	47,	equence 97,	equence 47,	97,	Sequence 43, Appl	equence 93,	equence 43,	equence 93,	equence 44,	Sequence 45, Appl
-10-282-122A-5	820-843A-2	-10-424-5	-10-393-449-5	-10-393-449-1	-10-177-	-10-177-725-1	10-393-449-5	10-393-449-1	-10-177-725-5	10-177-725-1	10-393-449-5	-393-4	-10-177-725-5	-10-177-725-1	-10-393-449-5	-10-393-449-	-10-177-725-5	10-177-725-1	-10-393-449-4	-10-393-44	-10-177-725-4	-10-177-72	4	-10-393-44	7-725-	-10-177-72	-10-393-44	US-10-393-449-45
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526	309	54	67	67	67	63	75	75	75	75	83	83	83	83	91	91	91	91	104	104	104	104	105	105	105	105	106	106
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61	60.5	9	60	9	09	9	9	9	9	9	09	9	9	9	9	.09	9	9	9	60	09	9	09	9	09	9	9	9
16	1.8	6	20	21	22	23	24	25	26	27	28	29	30	31	32	e e	3.4	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

WS-10-282-122A-68109

Sequence 68109, Application US/10282122A

GENERAL INFORMATION:
APPLICANT: Wang, Liangeu
APPLICANT: Wang, Liangeu
APPLICANT: Wang, Liangeu
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Carvic, Robert
APPLICANT: Tawick, Robert
APPLICANT: Trawick, John
APPLICANT: Frawick, John
APPLICANT: Frawick, John
APPLICANT: Frawick, John
APPLICANT: Frawick, John
APPLICANT: Forsyth, R.
APPLICANT: Wu H.
TILE OF INVENITON: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA, 034
FILE REFERENCE: ELITRA, 034
FRIOR APPLICATION NUMBER: 60/200, 727
FRIOR APPLICATION NUMBER: 60/200, 727
FRIOR APPLICATION NUMBER: 60/200, 335
FRIOR APPLICATION NUMBER: 60/200, 335
FRIOR APPLICATION NUMBER: 60/200, 335
FRIOR APPLICATION NUMBER: 60/203, 355
FRIOR APPLICATION NUMBER: 60/203, 355
FRIOR APPLICATION NUMBER: 60/253, 625
FRIOR APPLICATION NUMBER: 60/253, 625
FRIOR APPLICATION NUMBER: 60/257, 931
FRIOR FILING DATE: 2000-10-23
FRIOR FILING DATE: 2000-10-23
FRIOR FILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: 60/257, 931
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FRIOR FILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: 60/257, 931
FRIOR FILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: 60/257, 931
FRIOR FILING DATE: 2000-11-27
FRIOR FILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: 60/257, 931

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Page 2

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Gaps

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Indels

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7
           6; Mismatches
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65.2%; Pred. No. C
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Publication No. US20040029129A1
                                                                                          |:||||: |:||||:
163 AKKKAAEDAKKKAAEDAKKKAAE 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2000-03-21
PRIOR PELING DATE: 2000-03-21
PRIOR PELING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/2030, 335
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |:||||: |:||||:
163 AKKKAAEDAKKKAAEDAKKKAAE 185
                                                            1 ARKKAAKAARKKAAKAAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARKKAAKAARKKAAK 23
                                                                                                                                                                                                                                       Sequence 120, Application US/10127032
Publication No. US20030113742A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2003-02-20
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/
FILING DATE: 2000-09-09
           Conservative
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Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ohlsen, Kari
Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Wall, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SENERAL INFORMATION:
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                                                                                                                                                                                                                    US-10-127-032-120
           15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 347
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           Matches
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FILE REFERENCE: ELITTA.034A
CURRENT APPLICATION NUMBER: U$/10/282,122A
CURRENT PELLOTION NUMBER: U$/10/282,122A
CURRENT PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/201,078
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/206,335
PRIOR APPLICATION NUMBER: 60/203,335
PRIOR APPLICATION NUMBER: 60/203,347
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,636
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,636
PRIOR PELING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,636
PRIOR PELING DATE: 2000-12-26
PRIOR PELING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                           Gaps
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                       DB 12; Length 372;
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                                                                                                                                                                                                                                                                                                                                                                        2; Indels
                                                                                                                                                                                                                                                                                                                    Score 72; DB
Pred. No. 0.24
6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 71; DB
Pred. No. 0.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 66237, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           |:||||:|:||||:
184 AKKAAEDAKKKAAEEAKKKAAE 206
                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKKAAK 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Wall, Daniel
                                                                                                                                                                                                                                                                                                                 Ouery Match
Best Local Similarity 65.2%;
Matches 15; Conservative 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin version 3.1
SEQ ID NO 66237
LENGTH: 347
                                                                                                                                                                                                           ) TYPE: PRT
; ORGANISM: Pseudomonas putida
US-10-282-122A-68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   65.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M. Gita
APPLICANT: Bangera, M. Gita
APPLICANT: Bangera, M. Gita
APPLICANT: Dery, Sceenber
TUTLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
TITLE OF INVENTION: BIOFILM FORMATION
FILE REFERENCE: UIZ-070CP;
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT FILING DATE: 2002-04-19
PRIOR FILING DATE: 2001-04-0
PRIOR FILING DATE: 2001-04-0
PRIOR FILING DATE: 2001-04-0
PRIOR FILING DATE: 2001-04-0
SOFTWARE: FastEGO ID NOS: 170
SOFTWARE: FastEGO for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
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S-10-282-122A-62547
Sequence 62547, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 587 KKKAAKKARKEAQKAEREAAEKA 609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 RKKAAKAARKKAAKA 24
                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Neurospora crassa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 음
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR PELING DATE: 2001-02-09
PRIOR PELING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
PRIOR PELING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 69962
LENGTH: 336
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 64.8%; Score 70; DB 12; Length 336; Best Local Similarity 68.2%; Pred. No. 0.38; Matches 15; Conservative 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT S
US-10-156-761-9957
Sequence 9957, Application US/10156761
PUDICATION NO. US20030119018A1
GENERAL INFORMATION:
APPLICANT: OWNTA, SATOSHI
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIXAWA, JUN
APPLICANT: SHIBA, TADAYCSHI
APPLICANT: SHIBA, TADAYCSHI
APPLICANT: HATTORI, WASAHIRA
ITILE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERRNCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT APPLICATION NUMBER: US 2001-204089
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR PILING DATE: 2001-05-30
PRIOR PILING DATE: 2001-06-30
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 9957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          88 AKKKAEEAARKKAAELAEKEHAAKA 112
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US-10-369-493-3684
Sequence 3684, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKAKK-AAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |:||||: |:||||: |:|||| | 174 AKKKAAEDAKKKAA 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 ARKKAAKAARKKAA 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT; ORGANISM: Streptomyces avermitilis US-10-156-761-9957
                                                                                                                                                                                                                                                                                                                                                                                                                          Pseudomonas syringae
                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Pseudo
US-10-282-122A-69962
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APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: EARLY WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10 ($2052) B
CURRENT APPLICATION NUMBER: US/10/369, 493
CURRENT FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3684
LENGTH: 685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION
APPLICANT: Wang, Liangsu
APPLICANT: Among Carlos
APPLICANT: Among Carlos
APPLICANT: Among Carlos
APPLICANT: Among Carlos
APPLICANT: Camudio, Carlos
APPLICANT: Camudio, Carlos
APPLICANT: Travick, John
APPLICANT: APPLICANT: Carr, Grant
APPLICANT: APPLICANT: Carr, Grant
APPLICANT: APPLICANT: AU, H.
APPLICANT: APPLICANT: AU, H.
APPLICANT: APPLICANT: AU, H.
APPLICANT: APPLICANT: AU, MUMBER: 60/20, 727
PRIOR FILING DATE: 2000-09-20
PRIOR PILING DATE: 2000-09-20
PRIOR PILING DATE: 2000-09-20
PRIOR APPLICANT: AUMBER: 60/22, 625
PRIOR FILING DATE: 2000-10-22
PRIOR FILING DATE: 2000-10-27
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICANTION WUMBER: 60/25, 625
PRIOR APPLICANTION WUMBER: 60/25, 636
PRIOR APPLICANTION WUMBER: 60/25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 685;
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Best Local Similarity 65.2%; Pred. No. 1.8;
Matches 15; Conservative 3; Mismatches 5.
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RESULT 9
US-10-229-567-27
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PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILING DATE: 2000-11-22
PRIOR APPLICATION NUMBER: 60/267,936
PRIOR PILING DATE: 2001-02-09
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                                                                                                                                                            60.2%; Score 65; DB 12; Length 214; 62.5%; Pred. No. 0.99; tive 2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE ... ATTACK ACCULATION OF ESSET CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 64817, Application US/10282122A
Publication No. US20040029123A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malone, Carlos
APPLICANT: Malone, Carlos
APPLICANT: Andone, Chryl
APPLICANT: Aselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Cyskind, Judith
APPLICANT: Travick, John
APPLICANT: Travick, John
APPLICANT: Travick, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Torvick, Grant
                                                                                                                                                                                                                                                                                                                                          111 AKKVAKKAPAKKATKAAKKAATKA 134
                                                                                                                                                                                                                                                                                                 1 ARKKAAKAARKKAAKA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/191,078
                                                           ) ORGANISM: Mycobacterium bovis
US-10-282-122A-62547
                                                                                                                                Ouery Match
Best Local Similarity 62.5%
The 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-282-122A-64817
LENGTH: 214
TYPE: PRT
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TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC PANCA antigens
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COMPUTER: I FLORY GUEST
COMPUTER: I EM PC Compatible
COMPUTER: I EM PC COMPATIBLE
COMPUTER: I EM PC COMPATIBLE
CONTRARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/229,567
FILING DATE: 27-4049-2002
CLASSIFICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE: CUNKNOWN-
APPLICATION NUMBER: US 09/041,889
FILING DATE: CUNKNOWN-
APPLICATION NUMBER: 21,815
REGISTRATION NUMBER: 21,815
REFERENCE/DOCKET NUMBER: P-PM 3006
                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: ADDRESSEE: A170 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-229-567-27
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US-10-282-122A-55748

US-10-282-122A-55748

Sequence 55748, Application US/10282122A

Publication No. US20040029129A1

GENERAL INFORMATION:

APPLICANT: Mang, Liangsu

APPLICANT: Zamudio, Carlos

APPLICANT: Malone, Cheryl

APPLICANT: Haselbeck, Robert

APPLICANT: Haselbeck, Robert

APPLICANT: APPLICANT: Ohlsen, Kari

APPLICANT: Ohlsen, Wari

APPLICANT: Ohlsen, Wari

APPLICANT: Zyskind, Judith

APPLICANT: Mall, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     111 AKKVAKKAPAKKATKAAKKAATKA 134
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Sequence 27, Application US/10229567
Publication No. US2030092080A1
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 214 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (619) 535-8949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 92122
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                               CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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RESULT 12
US-10-390-472-16
Sequence 16, Application US/10390472
Sequence 16, Discolation No. US20040087013A1
Sequence 16, Application No. US20040087013A1
Sequence 16, Application No. Sequence 16, Application No. Singuary
Sequence 16, Alexander Sich, Alexander Sich, Alexander Dispersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREFOR THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTER READABLE FORM:

EXPERIENCE PROBACHINE FORM:

COMPUTER READABLE FORM:

COMPUTER: 1BM PC COMPATIBLE

APPLICATION DATA:

APPLICATION NUMBER: US/08/293,284

FILING DATE: 22-AUG-1994

APPLICATION NUMBER: 05/973,326

APPLICATION NUMBER: 05/973,326

APPLICATION NUMBER: 07/973,326

APPLICATION NUMBER: 07/973,
                                                                                                                                                                                            Indels
                                                                                                             Query Match

59.7%; Score 64.5; DB 12;
Best Local Similarity 81.0%; Pred. No. 0.12;
Matches 17; Conservative 1; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-390-472-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARKKAAKAARKKAAKA----ARKKAAK 23
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2-10-424-599-185724
; Sequence 185724, Application US/10424599
; Publication No. US20040031072A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Two Militia Drive
                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAKKA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 58.8
Best Local Similarity 60.7
Matches 17; Conservative
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TITLE OF INVENTION: Identification of Essential Genes in Microorgs FILE REFERENCE: ELITRA 0.347

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR PILING DATE: 2000-03-21

PRIOR PILING DATE: 2000-03-21

PRIOR PILING DATE: 2000-03-23

PRIOR PILING DATE: 2000-03-23

PRIOR PILING DATE: 2000-03-23

PRIOR PILING DATE: 2000-03-03

PRIOR PILING DATE: 2000-03-06

PRIOR PILING DATE: 2000-03-07

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2001-02-06

PRIOR PILING
                                                                                                                                                                            Identification of Essential Genes in Microorganisms
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CTHER INFORMATION: antimicrobial peptide US-10-169-613-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                214 AAKKAAQEAEKKAAAEAAKKAAAA 237
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ORGANISM: Artificial
FEATURE:
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Gaps

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Length

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Gaps

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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Avolic, David K.
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Wu, Nei
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Rice Nucleic Acid Molecules Associated With
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 152005
LENGTH: 827
                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                      DB 12; Length 388;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
                                                                                                                                                                                                   Score 63; DB 1
Pred. No. 3.1;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 152005, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 217 AEKAAADAAEKKAAADAEKKAAAA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    386 AVQKAAREARERAAAEARERAAKA 409
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Best Local Similarity 66.7%;
Matches 16; Conservative 0
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Best Local Similarity 58.33
Matches 14; Conservative
                                                 TYPE: PRT; ORGANISM: Yersinia pestis
US-10-282-122A-78190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-437-963-152005
               LENGTH: 388
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GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Can Vinba
APPLICANT: AD VINBA
APPLICANT: AD VINBA
APPLICANT: AND VINBA
APPLICANTON: SON Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5)23)B
CURRENT APPLICATION NUMBER: US)10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
ERO ID NO 185724
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PRIOR APPLICATION NUMBER: 60/191,078

PRIOR PILING DATE: 2000-03-21

PRIOR PELING DATE: 2000-03-21

PRIOR PELING DATE: 2000-03-21

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-36

PRIOR PELING DATE: 2000-05-36

PRIOR PELING DATE: 2000-05-36

PRIOR PELING DATE: 2000-05-36

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-10-23

PRIOR PELING DATE: 2000-11-27

PRIOR PELING DATE: 2000-11-27

PRIOR PELING DATE: 2000-11-29

PRIOR PELING DATE: 2000-11-29

PRIOR PELING DATE: 2000-11-20-60

PRIOR PELING DATE: 2000-10-20-6

PRIOR PELING DATE: 2001-02-16

PRIOR PELING DATE: 2010-02-16

PRIOR PELING DATE: 2011-02-09

PRIOR PELING DATE: 2011-02-16

PRIOR PE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    58.3%; Score 63; DB 12; Length 61; 65.2%; Pred. No. 0.51;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Clone ID: PAT_MRT3847_138722C.1.pep
US-10-424-599-185724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 78190, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKKAAKAAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATKKAANPAAKKAMKMAKKPAAK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 65.25
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Glycine max FEATURE:
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us-09-496-391-44.rai

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec OM protein - protein search, using sw model Run on:

US-09-496-391-44 132 1 GRKKGGKGGRKKGGKG 24 Title: Perfect score:

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

389414 segs, 51625971 residues Searched: 389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

issued_Patents_AA:*
1: /cgn2_6/prodata/2/iaa/5A_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		ć			SUMMAKIES	,	
Result No.	Score	% Query Match	Length	DB	ID	Description	
	87	65.59	641	4	US-09-249-585A-3	Sequence 3, App.	110
1 (3	87	62.9	641	4	-09-410-39	equence 4,	011
'n	80	9.09	29		-48	Sequence 4, Appli	oli,
4	80	60.6	29	-	US-08-303-025-4	4	pli
Ŋ	80	60.6	29		US-08-677-304-4	4,	pli
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6	16		29		-08-677	'n	pli
10	16	57.6	20		US-08-436-703B-10	10,	pp1
11	75		29		-07-694-	14,	ppl
12	74		20	Н	US-07-694-983-13	13,	ppl
13	74		9	4	-09-561-	12,	pp_1
14	74		260	4	4-1	12,	pp_1
15	68		29	,-4	-08-152-488-	7,	pli
16	89	51.5	29	,	-08-303	Sequence 7, App	pli
17	68		29	П	-08-677-3	۲,	pli
18	68		29	~	-08-436-7	12,	ppl
19	99		œ	4	249	24	Æ,
. 20	65		178	4	-09-489-039A-8		Ap
21	65		N	Н	US-07-667-276A-10	2	ppl
22	65		⊣	N	-08-990-114-	'n	pli
23	65	49.2	714	4	US-09-241-333-3	'n	pli
24	64.5	48.9	ч	4,	US-09-543-681A-8319	83	Ap
25	64	48.5	ΟŊ.	4	38-18	187, A	App
26	64	48.5	1958	Н	-07-945-283-2	equence 2, App	p_{1i}
27	62.5	47.3	1	4	US-09-134-000C-5565	5565,	Ap

equence 892 equence 601	Sequence 8301, Ap Sequence 2, Appli	4, Appl 414, Ap	Sequence 19446, A Sequence 8310, Ap	equence 4,	equence 1,	Sequence 3, Appli Sequence 8, Appli	Sequence 1, Appli	equence 1,	equence 1,	Sequence 6, Appli	ednence	Sequence 7, Appli
-09-489-039A-89	US-09-489-039A-8301 US-08-343-443B-2	US-09-214-564A-4 US-09-634-238-414	US-09-252-991A-19446 US-09-543-681A-8310	-08-861-54	-08-861-54	US-08-861-549-3 US-08-492-027A-8	- 1	US-08-303-025-1	US-08-677-304-1	US-08-436-703B-6	US-08-770-761A-8	US-08-770-761A-7
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ALIGNMENTS

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APPLICANT: Coter, Murray A.
APPLICANT: Coter, Murray A.
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: to Genomic Host DNA
TITLE FEFERENCE: UM-03778
CURRENT APPLICATION NUMBER: US/09/410,399
CURRENT FILING DATE: 1999-10-01
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 641
TYPE: PRT
TYPE
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                                                             Sequence 3, Application US/09249585A

Sequence 3. Application US/09249585A

GENERAL INFORMATION:
GENERAL INFORMATION:
TILLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISOMES
FILLE REFERENCE: 0867/00305
CURRENT APPLICATION NUMBER: US/09/249,585A
CURRENT PILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 3
ILENGTH: 641
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Pred. No. 0.0042;
3; Mismatches 6; Indels
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; Sequence 4, Application US/09410399
; Patent No. 6482587
; GENERAL INFORMATION:
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Best Local Similarity 62.5%;
Matches 15; Conservative
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ORGANISM: Epstein Barr Virus
RESULT 1
US-09-249-585A-3
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Length 29;
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GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: AND CONDETED SEAL HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL.
NUMBER OF SEQUENCES: 16
COMPRESSEE: Benita J. Rohm, Esq.
STREET: 150 West Jeferson, Suite 2500
CITY: OWESTOR TO West Jeferson, Suite 2500
CITY: ANDRESSEE: Benita J. Rohm, Esq.
STREET: 150 West Jeferson, Suite 2500
CITY: ANDRESSEE: Propy diskette 3.5" 1.44Mb
COMPUTER: IBM PC COMPATING SYSTEM: MS-DOS V.6.22
SOFTWARRE: Worlderfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 105/08/303,025
FILING DATE: 14-AuG-1993
ATTOMATIVE ANDREMATION:
PRINK APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTOMATIVE ANDRATION:
NAME: ROHM, BENITA INDRAMATION:
TELEPHONE: 311-496-4845
INPORMATION FOR SEQ ID NO:
LEMERALION CRARACTERISTICS:
LEMERALION CRARACTERISTICS:
LEMERALION CRARACTERISTICS:
LEMERALION CRARACTERISTICS:
LEMERALION CRARACTERISTICS:
LEMERALION CANNOT AND ANDREME CHARACTERISTICS:
LEMERALION CANNOT ANDREME CHARACTERISTICS:
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LEMERALION CANNOT AND ANDREME CHARACTERISTICS:
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Fatent No. 5721212
GENERAL HORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Ardarws, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 RKKGGKGGRKKGGKGGKG 24
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FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 N/A
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                                                                                                                                                                                                       Sequence 4, Application US/08152488

Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL
ITILE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADRRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBLE FILL
COMPUTER READBLE FILL
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: TEMP PC compatible
OPERATING SYSTEM: MS-DGS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILLING DATE: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08669
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INPORMATION:
NAME: ROAM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
TELEPHONE: 908-276-3344
TELEPHONE: 908-276-3344
TELEPHONE: 908-276-3344
                                           328 GRGRGGSGGRGRGGSG 351
            1 GRKKGGKGGRKKGGKGGKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 RKKGGKGGRKKGGKGGKG 24
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PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 aming acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: N/A
ORGANISM: N/A
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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US-08-303-025-4
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; Sequence 4, Application US/08303025

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United States of America
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; PUBLICATION INFORMATION:
; AUTHORS: N/A
US-08-436-703B-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              à
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9. Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranicor
STATE: New Jersey
COUNTRY: United States of America
ZIP: 0716-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTMARE: WordPerfect 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                             PILING DATE:

CLASSIPICATION: 530

PRIOR APPLICATION DATA;

APPLICATION NUMBER: US/08/152,488

FILING DATE: 12-NOV-1993

APPLICATION NUMBER: PCT/US92/08069

FILING DATE: 14-NG-1993

APPLICATION NUMBER: 28,664

REGISTRATION NUMBER: 28,664

REGISTRATION NUMBER: 28,664

REGISTRATION NUMBER: 28,664

REGISTRATION NUMBER: 28,664

REFERENCE/DOCKET NUMBER: RM-7MG

TELEPHONE: 908-276-3344

ITELEPHONE: 908-276-3344

INPORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids

TYPE: amino acid

TYPE: amino acid

STRANDEDNESS: NO: 5721212 Relevant

MOLECULE TYPE: peptide

ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 RKKGGKGGRKKGGKG 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILLING DATE: 14-AUG-1993
US-08-677-304-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 6
US-08-436-703B-9
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Query Match 60.6%; Score 80; DB 2; Length 29; Best Local Similarity 65.2%; Pred. No. 0.0017; Matches 15; Conservative 3; Mismatches 5; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Makefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Atanley, James C.
APPLICANT: Andrews, Philip C.
APPLICANT: Atanley, James C.
APPLICANT: Atanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESSER: Benita J, Rohm, Esq.
ADDRESSER: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
CITY: Cranicord
STRATE: Now Jered States of America
STATE: MacDIOTRY: IEM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: MordPerfect 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
ZIP: 46226

COMPUTER: READABLE FORM:
MEDIUM TYPE: GORDATIBLE
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: NO-MAY-1995
TILING DATE: NO-MAY-1995
TILING DATE: NO-MAY-1995
TELING DATE: NO-MAY-1996
TELING DATE: NO-MAY-1996
TELING DATE: NO-MAY-1996
TELEFAX: 313-965-1976
TELEFAX: 313-965-1976
TELEFAX: 313-965-1976
TELEFAX: SAMAING ACIGS
TENDAMTHICATION FOR SEQ ID NO: 9:
SEDUENCE CHARACTERISTICS:
TENDAMTHICATION FOR SEQ ID NO: 9:
TENDAMTHICATION FOR SEQ ID NO: 9: 1000 NO: 1000 NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 KKKGGGGKKKKGGGG 25
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US-08-152-488-5
'Sequence 5, Application US/08152488
'Patent No. 5534619
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: EMPC compatible
OPERATING SYSTEM: MS-DOS
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/0869
FILING DATE: 14-AUG-1993
APPLICATION NUMBER: PCT/US92/0869
FILING DATE: 14-AUG-1993
APPLICATION NUMBER: PCT/US92/0869
FILING DATE: 18-AUG-1993
APPLICATION NUMBER: 28,664
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELEDOMUNICATION INPORMATION:
NAME: ROIN: BANICA JOSES JO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   з ккисесскикискики 28
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COUNTRY: United States of America
ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                       , TITLE: N/A;
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
                                                                      INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids
              313-496-7622
                                                                                                                                                                                                                                          TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 RKKGGKGGRKKGGK
                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-677-304-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STAIR: Michigan
COUNTRY: United States of America
ZIP: 48226.4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DS v. 6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7WH-060548-00231
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APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-A0G-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 RKKGGKGGRKKGGK----GGRKKGGK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 KKKGGGGKKKKGGKKKKGGK 28
                     APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
TELEPHONE: 908-276-3344
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORIGINAL SOURCE:
                                       PCT/US92/08069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE: N/A

PUBLICATION: DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993
US-08-152-488-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-303-025-5; Sequence 5, Application US/08303025; Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OWGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       d
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Gaps
Query Match 57.6%; Score 76; DB 1; Length 29; Best Local Similarity 61.5%; Pred. No. 0.0049; Matches 16; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL

TITLE OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
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Gaps

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Query Match 56.8%; Score 75; DB 1; Length 29; Best Local Similarity 73.9%; Pred. No. 0.0064; Matches 17; Conservative 2; Mismatches 2; Indels
                                                               Length 29;
                                                                                                                                           3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Stahl, Philip D.
APPLICANT: Stahl, Philip D.
TITLE OF INVENTION: HIGH AFFINITY MANNOSE RECEPTOR TITLE OF INVENTION: LICANDS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSE: Irall & Mancella STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC comparible
COMPUTER: FOR PC comparible
COPETATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/694,983
FILING DATE: 19910503
CLASSIFICATION: 530
                                                           Query Match 57.6%; Score 76; DB 2; Best Local Similarity 61.5%; Pred. No. 0.0049; Matches 16; Conservative 3; Mismatches 2
                                                                                                                                                                                                                                                                  3 KKGGGGKKKKGGKKKKGGK 28
                                                                                                                                                                                                                       2 RKKGGKGGRKKGGK----GGRKKGGK 23
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; OTHER INFORMATION: /label= -NH2
US-07-694-983-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 12
US-07-694-983-13
; Sequence 13, Application US/07694983
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-07-694-983-14; Sequence 14, Application US/07694983; Patent No. 5432260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: MULAShige, Kate H.
REGISTATION NUMBER: 29,959
RETERENCE/DOCKET NUMBER: 9500
TELECOMMUNICATION INFORMATION:
TELEFRACE 415-327-2551
TELEFRACE 415-327-2951
TELEFRACE 415-327-2951
TELEFRACE 15-327-2951
TELEFRACE 15-327-3251
TELEFRACE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: Peptide
LOCATION: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
US-08-436-703B-10
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                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 57.6%; Score 76; DB 1; Length 29; Best Local Similarity 61.5%; Pred. No. 0.0049; Matches 16; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 10

US-08-436-703B-10

US-08-436-703B-10

Sequence 10, Application US/08436703B

Patent No. 5919761

APPLICANT MAKefield, Thomas W. APPLICANT Andrews, Philip C. APPLICANT Stanley, James C. TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR TITLE OF INVENTION: WEIGHT HEPARIN

TITLE OF INVENTION: WIGHT HEPARIN

TITLE OF INVENTION: WIGHT HEPARIN

TITLE OF INVENTION: MIGHT HEPARIN

HUMBER OF SEQUENCES: 18
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MEDIUM TYPE: Flopy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: MordPerfect 6;
SOFTWARE: MordPerfect 108-May-1995
CLASSIFICATION NUMBER: US,664
FILING DATE: N/A
FILING MARE: 28,664
FELENGTH: 29.0010: 10:
SEQUENCE CHARACTERISTICS:
TELEPHONE: 313-965-1976
TELEPHONE: 313-965-1976
TELEPHONE: 313-965-1976
TELEPHONE: 29 mino acids
TYPE: amino acids
TYPE: AMINDWESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 RKKGGKGGRKKGGK----GGRKKGGK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Detroic
STATE: Michigan
COUNTRY: United States of America
ZIP: 48226
ZIP: 48226
                                                                                                                                                                                                               PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-677-304-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSES: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: Suite 1528
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide ORIGINAL SOURCE:
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Gaps

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APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GGBUSA
CURRENT APPLICATION NUMBER: US/10/114,176
CURRENT FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 39
SOFFWARE: Patentin version 3.0
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ä
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                                                                                                                                                                                                                                              Indels 10;
                                                                                                                                                                      Score 74; DB 4; Length 260;
Pred. No. 0.06;
0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 56.1%; Score 74; DB 4; Length 260; Best Local Similarity 52.9%; Pred. No. 0.06; Matches 18; Conservative 0; Mismatches 6; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SQUENCES: 13
CORRESPONDENCE ANDRESS:
ADDRESSE: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
CITY: Cranford
; NAME/KEY: MOD_RES
; JOCATION: (1)...(1)
; OTHER INFORMATION: Glu is attached to DnaK (HSP70)
US-09-561-3668-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MOD_RES
CCATION: (1)...(1)
COTE INFORMATION: Glu is attached to DnaK (HSP70)
US-10-114-176-12
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COUNTRY: United States of America
ZIP: O7016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DG
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                            216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
                                                                                                                                                                                                                                                                                                               1 GRKKGGKG----GRKKGGKG----GRKKGGKG 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GRKKGGKG-----GRKKGGKG-----GRKKGGKG
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US-10-114-176-12
US-10-114-176-12
Sequence 12, Application US/10114176
Patent No. 6524582
GENERAL INFORMATION:
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Patent No. 5534619
                                                                                                                                                                         Query Match
Best Local Similarity 52.9%;
Matches 18; Conservative (
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US-08-152-488-7
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Patent No. 639967
GENERAL INFORMATION:
APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GGP3USA
CURRENT APPLICATION NUMBER: US/09/561,366B
CURRENT APPLICATION NUMBER: 2000-04-28
SOFTWARE: PETENT OF SEQ ID NOS: 39
SOFTWARE: Petentin version 3.0
LENGTH: 260
TYPE: PRT
CURRENT FILE OF THE OFFICE OFFIC
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                         GENERAL INFORMATION:
APPLICANT: Stahl, Philip D.
TITLE OF INVENTION: HIGH AFFINITY MANNOSE RECEPTOR
TITLE OF INVENTION: LIGANDS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CUSRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/694,983
FILING DATE: 19910503
CIASSIPTCATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: MUTASHIGE, Rate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9500-0039.00
TELEPHONE: 415-327-2550
                                                                                                                                                                                                                                   ADDRESSEE: Irell & Manella
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: Callifornia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: 20
; OTHER INFORMATION: /label= -NH2
US-07-694-983-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 706141
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
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AMINO ACID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
SOFTWARE: PatentI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Peptide
LOCATION: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Peptide
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                                                                                                                                                                                                                                                                                                                                        STATE: CA
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: DCT/US92/08069

PILING DATE: 14-AdG-1993

ATTORNEY AGENT INFORMATION:
NAME: Robin Bennita J.

REGISTRATION NUMBER: 28,664

FEBERENCE/DOCKET NUMBER: RM-7MG

TELEPHONE: 908-276-3344

TELEPHONE: 908-276-3344

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISITCS:
LENGTH: 29 amino acids

TYPE: anino acids

TYPE: anino acids

TYPE: anino acids

TYPE: anino acids

TYPE: peptide
ORIGINAL SOUNCE:
ORGANISM: N/A

MOLECULE TYPE: Deptide
ORIGINAL SOUNCE:
ORGANISM: N/A

TITLE: N/A

PUBLICATION INFORMATION:

MULCONECTION INFORMATION:

AUTHORS: N/A

TITLE: N/A

TITLE: N/A

SILING DATE: 14-AUG-1993

US-08-152-488-7

Guery Match

Beet Local Similarity 61.5%; Pred. No. 0.042;
Matches 16; Conservative 3; Mismatches

CV

Z RXKGGKKGGKKKGGK --GGRKKKGGK 26

CV

S RXKGGK--KKKGGKKKGGK 26

CV

S RXKKGGK--KKKGGKKKGGK 26

CV

S RXKKGGK--KKKGGKKKGGK 26

CV

S RXKKGGK--KKKGGKKKGGK 26

CV

S RXKKGGK--KKKGGKKKGGK 26
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Search completed: August 17, 2004, 16:14:40 Job time : 12.9406 secs

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Sequence 16, Appl Sequence 52, Appl Sequence 52, Appl Sequence 4, Appl Sequence 11, Appl Sequence 11, Appl Sequence 1190, Ap Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 170425, Sequence 30905, A Sequence 30905, Appl Sequence 36181, Appl Seque
                                                                                                                                                                  August 17, 2004, 16:06:45; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Published Applications AA:*

1. \cgn2_6\ptodata/1\pubpaa/US07_PUBCOMB.pep:*

2. \cgn2_6\ptodata/1\pubpaa/US07_PUBCOMB.pep:*

3: \cgn2_6\ptodata/1\pubpaa/US06_NEW_PUB.pep:*

4: \cgn2_6\ptodata/1\pubpaa/US06_PUBCOMB.pep:*

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6: \cgn2_6\ptodata/1\pubpaa/US06_PUBCOMB.pep:*

7: \cgn2_6\ptodata/1\pubpaa/US08_NEW_PUB.pep:*

8: \cgn2_6\ptodata/1\pubpaa/US08_NEW_PUB.pep:*

9: \cgn2_6\ptodata/1\pubpaa/US09_PUBCOMB.pep:*

10: \cgn2_6\ptodata/1\pubpaa/US09_NEW_PUB.pep:*

11: \cgn2_6\ptodata/1\pubpaa/US09_NEW_PUB.pep:*

12: \cgn2_6\ptodata/1\pubpaa/US09_NEW_PUB.pep:*

13: \cgn2_6\ptodata/1\pubpaa/US09_NEW_PUB.pep:*

14: \cgn2_6\ptodata/1\pubpaa/US09_NEW_PUB.pep:*

15: \cgn2_6\ptodata/1\pubpaa/US10A_PUBCOMB.pep:*

16: \cgn2_6\ptodata/1\pubpaa/US10A_PUBCOMB.pep:*

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16: \cgn2_6\ptodata/1\pubpaa/US10B_PUBCOMB.pep:*

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18: \cgn2_6\ptodata/1\pubpaa/US10B_PUBCOMB.pep:*

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                                 Compugen Ltd
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2 US-10-225-838B-22
4 US-10-138-098-52
4 US-10-138-098-52
4 US-10-238-098-52
1 US-10-232-122A-47799
2 US-10-122-728-1190
1 US-10-292-798-1190
1 US-10-292-798-1190
1 US-10-292-798-1190
2 US-10-123-114-5645
3 US-10-114-176-12
4 US-10-313-013-12
6 US-10-437-938-3095
4 US-10-029-386-3095
1 US-10-029-386-3095
GenCore version 5.1.6 (c) 1993 - 2004 Compug
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1 GRKKGGKGGRKKGGKGGRKKGGKG 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                               - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Match Length DB
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Sequence 46836, Sequence 146128, Sequence 111951, Sequence 77655, A Sequence 12867, Sequence 123983, Sequence 61, Appl Sequence 197101, Sequence 1946, Ap Sequence 632677, A Sequence 63757, A Sequence 63757, A Sequence 332677, A Sequence 3326
                                                                                                Sequence 45915, A
Sequence 71460, A
Sequence 146126,
Sequence 160486,
                                    Sequence 47632, A
Sequence 47901, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 162500,
Sequence 31052, A
Sequence 160484,
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2 US-10-424-599-244838

2 US-10-425-114-47632

US-09-864-761-437901

2 US-10-425-114-7160

2 US-10-437-963-1146126

3 US-10-437-963-1146128

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3 US-10-425-114-5036

3 US-10-424-599-160485

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3 US-10-425-114-50377

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ALIGNMENTS

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US-10-667-004-16

Sequence 16, Application US/10667004

Sequence 16, Application US/10667004

Sequence 16, Application US/10667004

Sequence 16, Application US/10667004

Set INFORMATION:

APPLICANT: INTEL CORPORATION

APPLICANT: CHAN, Selena

APPLICANT: CHAN, Selena

APPLICANT: YAMARAMA, Mineo

ITILE OF INVENTION: SCANNING PROBE MICROSCOPY (SPM)

ITILE OF INVENTION: SCANNING PROBE MICROSCOPY (SPM)

FILE REFERENCE: INTEL1310-1 (P14240X)

CURRENT APPLICATION NUMBER: US/10/667,004

CURRENT PILING DATE: 2003-09-19

PRIOR FILING DATE: 2003-09-19

PRIOR FILING DATE: 2002-09-20

NUMBER OF SEQ ID NOS: 26

SOFTWARE: Patentin version 3.1

SEQ ID NO 16

LENGTH: 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ), OTHER INFORMATION: Synthetic peptide US-10-667-004-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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RESULT 2 US-10-225-838B-22 ; Sequence 22, Application US/10225838B

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Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 5
US-10-732-694-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-732-694-11
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                 GENERAL INFORMATION:
APPLICANT: Neuron2 Lid.
APPLICANT: Neuron2 Lid.
APPLICANT: Neuron2 Biosciences, Inc.
APPLICANT: Sieg, Frank
APPLICANT: Sieg, Frank
TITLE OF INVENTION: Neural Regeneration Peptides and Methods for Their Use In TITLE OF INVENTION: Teament of Brain Damage
TITLE OF INVENTION: Teament of Brain Damage
FILE REFERENCE: NRNZ-1023US1
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: 60/314,952
PRIOR PELING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.2
SEQ ID NO 22
LENGTH: 641
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Krohn, Kai
APPLICANT: Krohn, Kai
APPLICANT: Blazevic, Vesna
APPLICANT: Tahtinen, Marja
APPLICANT: Tahtinen, Marja
APPLICANT: Tocts, Urve
APPLICANT: Tocts, Urve
APPLICANT: Tocts, Urve
APPLICANT: Sikut, Rain
APPLICANT: Sikut, Rain
APPLICANT: Sikut, Rein
APPLICANT: S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match 65.9%; Score 87; DB:
Best Local Similarity 62.5%; Pred. No. 0.1;
Matches 15; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   || :|| ||| :|| || || || 328 GRGRGGSGGRGRGGSGG 351
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Publication No. US20030211990A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Epstein Barr Virus
US-10-225-838B-22
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US-10-138-098-52
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// Sequence 4, Application US/10294804
// Publication No. US20030133948A1
// GENERAL INFORMATION:

US-10-294-804-4

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APPLICANT: Wang, Rong-Fu
APPLICANT: Wang, Rong-Fu
APPLICANT: Wang, Rong-Fu
APPLICANT: Woo, Kuishin
FILES OF KUISHIN MAC CLASS I-RESTRICTED AND MHC CLASS II-RESTRICTED EBNAI PEPTIDES
FILE REFERENCE: P02723US1
CURRENT APPLICATION NUMBER: US/10/732,694
CURRENT APPLICATION NUMBER: US 60/432,319
PRIOR APPLICATION NUMBER: US 60/432,319
PRIOR FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
APPLICANT: Robertson, Erle S.
APPLICANT: Cotter, Murray A.
TITLE OF INVENTION: Methods to Inhibit or Enhance the Binding of Viral DNA
TITLE OF INVENTION: to Genomic Host DNA
CURRENT APPLICATION NUMBER: US/10/294,804
CURRENT FILING DATE: 2002-11-14
FRICH APPLICATION NUMBER: US/09/410,399
PRIOR FILING DATE: 1999-10-01
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 62.5%;
Matches 15; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ; ORGANISM: Epstein-Barr virus US-10-294-804-4
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LOCATION: (16)..(19)
OTHER INFORMATION: Variable amino acid
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LOCATION: (10\overline{6})...(108)
                                                                                                                                   NAME/KEY: MOD_RES
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2000-03-22
PRIOR FULING DATE: 2000-03-21
PRIOR PELICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PLING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR PLING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/226,578
PRIOR APPLICATION NUMBER: 60/226,538
PRIOR PLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/256,636
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-12-22
PRIOR PLING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 12; Length 220;
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| Bublication No. US2033014366841
| Publication No. US2033014366841
| GENERAL INFORMATION:
| APPLICANT: SUWA, WAKIKO
| APPLICANT: ARINA, YUTAKA
| APPLICANT: ARINATAN, HIROYUKI
| TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
| FILE REFERENCE: 084335/0152
| CURRENT AFPLICATION NUMBER: US/10/017,161
| CURRENT AFPLICATION NUMBER: US/246789
| PRIOR APPLICATION NUMBER: JP 2001/246789
| PRIOR FILING DATE: 2001-06-18
| SOFTWARE: PATENTIN VET: 2.1
| SEQ ID NO 1482
| LENGTH 1683
| TVPEP: DET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match 60.6%; Score 80; DB 12
Best Local Similarity 60.9%; Pred. No. 0.23;
Matches 14; Conservative 4; Mismatches
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NAME/KEY: MOD_RRE
LOCATION: (5)..(7)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
LOCATION: (9)..(12)
OTHER INFORMATION: Variable amino acid
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ORGANISM: Burkholderia cepacia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: MOD_RES
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NAME/KEY: MOD RES
LOCATION: (36)
COTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES
LOCATION: (38)...(39)
OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES
LOCATION: (45)
OTHER INFORMATION: Variable amino acid
                                                                                                                                            NAME/KEY: MOD RES
LOCATION: (28)...(29)
COTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES
LOCATION: (32)...(34)
COTHER INFORMATION: Variable amino acid
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: MOD RES
LOCATION: (47)...(51)
OTHER INFORMATION: Variable amino acid
FEATURE:
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LOCATION: (53)...(68)
OTHER INFORMATION: Variable amino acid
FRATURE: MOD_RES
LOCATION: (71)...(72)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
NAME/KEY: MOD. RES
LOCATION: (83)..(84)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
LOCATION: (987
OTHER INFORMATION: Variable amino acid
FEATURE:
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LOCATION: (104)
OTHER INFORMATION: Variable amino acid
LOCATION: (21)..(22)
OTHER INFORMATION: Variable amino acid
                                                             NAME/KEY: MOD RES
LOCATION: '(24)...(26)
OTHER INFORMATION: Variable amino acid
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LOCATION: (74)..(79)
JTHER INFORMATION: Variable amino acid
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NAME/KEY MOD RES
LOCATION: (86)..(92)
OTHER INFORMATION: Variable amino acid
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LOCATION: (947...(96)
OTHER INFORMATION: Variable amino acid
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DTHER INFORMATION: Variable amino acid
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LOCATION: (100)..(102)
OTHER INFORMATION: Variable amino
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us-09-496-391-44.rapb

NAME/KEY: MOD RES LOCATION: (110)..(124) OTHER INFORMATION: Variable amino acid FEATURE: OTHER INFORMATION: Variable amino acid NAME/KEY: MOD RES LOCATION: (127)...(142) OTHER INFORMATION: Variable amino acid OCATION: (147) THER INFORMATION: Variable amino acid TAME/KEY: MOD RES OCATION: (149)..(150) THER INFORMATION: Variable amino acid AME/KEY: MOD RES OCATION: (17]) THER INFORMATION: Variable amino acid PEATURE: AAME/KEY: MOD_RES OCCATION: (198)..(201) OTHER_INFORMATION: Variable amino acid FEATURE: NAME/KEY: MOD_RES LOCATION: (209) OTHER INFORMATION: Variable amino acid FEATURE:
TAME/KEY: MOD RES
OCCATION: (211)
THER INFORMATION: Variable amino acid
FEATURE: OCATION: (154)..(156) AME/KEY: MOD RES OCATION: (166)..(167) THER INFORMATION: Variable amino acid ION: (173)..(174)
INFORMATION: Variable amino acid AME/KEY: MOD RES OCATION: (178) THER INFORMATION: Variable amino acid AME/KEY: MOD RES OCATION: (183)..(189) THER INFORMATION: Variable amino acid OCATION: (192)
WHER INFORMATION: Variable amino acid TAME/KEY: MOD RES OCATION: (203)..(204) THER INFORMATION: Variable amino acid NAMIZKEY: MOD RES LOCATION: (215) OTHER INFORMATION: Variable amino acid AME/KEY: MOD RES OCATION: (196) THER INFORMATION: Variable amino acid LOCATION: (206) OTHER INFORMATION: Variable amino acid FEATURE:
NAME/KEY: MOD RES 'EATURE: NAME/KEY: MOD RES EATURE: AME/KEY: MOD_RES AME/KEY: MOD RES

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APPLICANT: SUMA, MAKIKO
APPLICANT: AGAI, KIYOSHI
APPLICANT: ALYAMA, YUUTAKA
APPLICANT: ALYAMA, YUUTAKA
APPLICANT: ALYAMA, YUUTAKA
APPLICANT: ALGATANI, HIROYUKI
TITLE OF INVENITON: GUANOSINE TRIPHOSPHATE-BINDING PROTEIN COUPLED RECEPTORS
FILE REPRENCE: 04435/166
CURRENT APPLICATION NUMBER: US/10/292,798
CURRENT THING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: 10/017,161
PRIOR PILING DATE: 2001-12-18
PRIOR FILING DATE: 2001-06-18
NUMBER OF SEQ ID NOS: 2070
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match
Best Local Similarity 46.2%; Pred. No. 3;
Matches 18; Conservative 4; Mismatches
                                                                                                                                             FEATURE:
NAME/KEY: MOD_RES
LOCATION: (235)..(236)
OTHER INFORMATION: Variable amino acid
NAME/KEY: MOD RES
LOCATION: (220)..(222)
OTHER INFORMATION: Variable amino acid
                                                            FEATURE:
NAME/KEY: MOD_RES
LOCATION: (226)..(228)
OTHER_INFORMATION: Variable amino acid
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NAME/KEY: MOD_RES
LOCATION: (239)
OTHER INFORMATION: Variable amino acid
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NAME/FRY: MOD RES
NACATION: (248)..(249)
OTHER INFORMATION: Variable amino acid
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NAME/KEY: MOD RES
LOCATION: (255)
OTHER INFORMATION: Variable amino acid
PEATURE:
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CUCATION: (5)..(5)
CUCATION: (5)..(5)
FEATURE:
NOMEKEX: MOD_RES
NOMEKEX: MOD_RES
COCATION: (9)..(12)
OTHER INFORMATION: Variable amino acid
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Publication No. US20030235833A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 8
US-10-292-798-1190
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NAME/KEY: MOD RES LOCATION: (16)..(19) OTHER INFORMATION: Variable amino acid

FEATURE:
NAME/KEY: MOD RES
LOCATION: (21)..(22)

us-09-496-391-44.rapb

FEATURE:

NAME/KEY: MOD RES

LOCATION: (108)... (108)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (118)... (113)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (127)... (127)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (127)... (127)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (127)... (127)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (127)... (147)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (147)... (147)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (147)... (147)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (147)... (147)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (178)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (178)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (198)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (198)... (198)

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (198)... (198)...

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (198)... (198)...

OTHER INFORMATION: Variable amino acid
FEATURE:
NAME/KEY: MOD RES

LOCATION: (198)...

OTHER INFORMATION: Variable a

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Sequence 56545, Application US/10425114
Fublication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Cao, Yongwal
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Papare Screen, Scr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                 CTHER INFORMATION: EXPRESSED IN BR474, SIGNAL = 7.3

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.2

OTHER INFORMATION: EXPRESSED IN HBLIOO, SIGNAL = 7.8

OTHER INFORMATION: EXPRESSED IN HBLIOO, SIGNAL = 7.1

OTHER INFORMATION: EXPRESSED IN HBLRT, SIGNAL = 9.4

OTHER INFORMATION: EXPRESSED IN PETAL LIVER, SIGNAL = 9.6

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 9.6

OTHER INFORMATION: EXPRESSED IN DUNG, SIGNAL = 9.6

OTHER INFORMATION: EXPRESSED IN PLACEMYA, SIGNAL = 8.4

US-09-864-761-38038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56.1%; Score 74; DB 9; Length 66; llarity 62.5%; Pred. No. 0.35; Conservative 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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; OTHER INFORMATION: Clone ID: LIB3060-013-D7_FLI.pep
US-10-425-114-56545
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR PILING DATE: 2000-06-30
PRIOR PELICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 38038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29 GRGRRGKGGEKTGGREEGGREKGG 52
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Best Local Similarity 47.8'
Matches 11, Conservative
                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
OTHER INFORMATION: M
OTHER INFORMATION: E
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Best Local Similarity
Matches 15; Conserv
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ORGANISM: Zea mays
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APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wansheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REPERBRANCE: Acomica-X-1
CURRENT APPLICATION NUMBER: 105/09/864,761
CURRENT FILING DATE: 2001-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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R FILING DATE: 2001-01-30

R APPLICATION NUMBER: PCT/US01/00669

R APPLICATION NUMBER: PCT/US01/00665

R APPLICATION NUMBER: PCT/US01/00665

R FILING DATE: 2001-01-30

R APPLICATION NUMBER: PCT/US01/00668

R FILING DATE: 2001-01-30

R APPLICATION NUMBER: PCT/US01/00668

R APPLICATION NUMBER: PCT/US01/00668

R APPLICATION NUMBER: PCT/US01/00668
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IOR APPLICATION NUMBER: GB 24263.6
IOR FILING DATE: 2000-10-04
IOR APPLICATION NUMBER: US 60/236,359
IOR PILING DATE: 2000-09-27
IOR APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION UNMBER: US 09/632,366
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
   NAME/KEY: MOD RES
LOCATION: (206)..(206)
OTHER INFORMATION: Variable amino acid
                                                                                                                                         NAME/KEY: MOD RES
LOCATION: (209)...(209)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                  FEATURE:
NAME/KEX: MOD RES
NOCATION: (211)...(211)
OTHER INFORMATION: Variable amino acid
                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NOAME/KEY: MOD-RES
NOAME/KEY: MOD-RES
OTHER INFORMATION: Variable amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 46.2%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: MOD RES
LOCATION: (22\overline{0}).. (222)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GRKKG--
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Sequence 30905, Application US/10029386
| Sequence 30905, Application US/10029386
| Sequence 30905, Application No. US2030194704A1
| GENERAL INFORMATION:
| APPLICANT: Penn, Starron G. APPLICANT: Hanzel, David R. APPLICANT: Hanzel, David R. APPLICANT: Hanzel, David K. APPLICANT: Hanzel, David K. TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GIPTILE REFERENCE: AEOMICA-X-2
| CURRENT APPLICANTION NUMBER: US/10/029,386
| CURRENT PELING DATE: 2001-12-20
| NUMBER OF SEQ ID NOS: 34288
| SOFTWARER Annomax Sequence Listing Engine vers. 1.1
| SEQ ID NO 30905
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 15
US-09-864761-36181
US-09-864761
Sequence 36181, Application US/09864761
Fatent No. US2020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Penn, Wencheng
TITLE OF INVENTION: HANAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Accented -X-1
CURRENT PAPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-06-23
PRIOR APPLICATION NUMBER: US 60/180,312
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FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 170425
LENGHH: 13
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                                                                                                                                                                                                                                                                                                                                                                                       Length 713;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
PEATURE:
OTHER INFORMATION: MAP TO ACO11400.4
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.9
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 7.7
US-10-029-386-30905
                                                                                                                                                                                                                                                                                                                                                                                                                                                 7; Indels
                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION; Clone ID: PAT_MRT4530_68753C.1.pep
US-10-437-963-170425
                                                                                                                                                                                                                                                                                                                                                                                       Ouery Match
Best Local Similarity 58.3%; Pred. No. 2.6;
Matches 14; Conservative 3; Mismatches 7;
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                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        셤
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US=10-437-963-170425
Sequence 1704255, Application US/10437963
Sequence 170425. Application No. US20040123343A1
GENERAL INPORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Www. Wei
APPLICANT: Wei
APPLICANT: Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GRADUSA
CURRENT APPLICATION NUMBER: US/10/323,013
CURRENT PILING DATE: 2002-12-18
PRIOR PAPLICATION NUMBER: US/10/114,176
PRIOR FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Version 3.0
SSOTUP O 12
LENGTH: 260
                                            APPLICANT: Goldstein, Gideon
TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
FILE REFERENCE: GGF3UGA
CURRENT APPLICATION NUMBER: US/10/114,176
CURRENT FILING DATE: 2002-04-02
NUMBER OF SEC ID NOS: 39
SOFTWARE: PatentIn version 3.0
SEC ID NO 12
LENGTH: 260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Match 56.1%; Score 74; DB 13; Length 260; Local Similarity 52.9%; Pred. No. 1.1; es 18; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: (1); (1); OTHER INFORMATION: Glu is attached to DnaK (HSP70) US-10-323-013-12
                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (1) ... (1)
OTHER INFORMATION: Glu is attached to DnaK (HSP70)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 216 GRKSGSKGLGISYGRKSGSKGLGISYGRKSGSKG 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GRKKGGKG-----GRKKGGKG-----GRKKGGKG 24
                                                                                                                                                                                                                                                                                                                           ORGANISM: Human immunodeficiency virus type 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GRKKGGKG-----GRKKGGKG-----GRKKGGKG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Human immunodeficiency virus type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 12
US-10-323-013-12
; Sequence 12, Application US/10323013
; Publication No. US20030180326A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: MOD RES
                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: MOD RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-114-176-12
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Matches
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Matches
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PRIOR FILING DATE: 2000-02-04
PRIOR FILING DATE: 2000-05-26
PRIOR PRILIGATION WURBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-01-00
PRIOR FILING DATE: 2000-01-00
PRIOR FILING DATE: 2000-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PRIOR DATE: 2001-01-30
PRIOR PRIOR PRIOR DATE: 2001-01-30
PRIOR PRIOR DATE: 2001-01-30
PRIOR PRIOR DATE: 2001-
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Query Match 54.9%; Score 72.5; DB 9; Length 141;
Best Local Similarity 58.3%; Pred. No. 0.96;
Matches 14; Conservative 5; Mismatches 4; Indels 1; Gaps
Qy 2 RKKGGKGGRKKG-GKGGRKKGGKG 24

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| :|||||| :| | ||::||:| 10 RSRGGKGRGKGKGKGRREGGRG 33

Search completed: August 17, 2004, 17:19:22 Job time : 38.8416 secs

GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec Run on:

US-09-496-391-49 Title: Perfect score: Sequence:

1 ARKKPAKAARKKPAKAARKKPAKA 24

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

Total number of hits satisfying chosen parameters:

389414 segs, 51625971 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents AA:*

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1. /ogn2 6/prodata/2/iaa/5B_COMB.pep:*

2. /cgn2 6/prodata/2/iaa/6A_COMB.pep:*

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5: /cgn2 6/prodata/2/iaa/PCTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 5, Appli	equence 7,	equence 17,	equence 17,	17,	equence 9,	equence 16,	equence 16,	equence 16,	equence 311	Sequence 27, Appl	equence 27,	equence 201	ñ	equence 33	i, e	ednence 6	equence 4	4,	equence 4	equence 23	equence 2		equence 1	quence 1	i. O	
ID	-08-668-25	-08-668-255-	-08-346-849-1	-08-293-284A	-08-898-300-1	-08-668-255-	-346-849-	-08-293-284A	-08-898-300-1	52-	-09-041-889-2	17-264-2	-09-095-855-20	-205-426-20	-09-252-991A-329	-991A-17	-09-408-020-	-041-8	-08-837-05	09-417-264-	-09-252-9	-769-211-	-09-041-	-08-837-058-	09-417-264-	9	-624-2
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equence 26, equence 769 equence 175 equence 14, equence 84, equence 74,	Sequence 2, Appli Sequence 30, Appl Sequence 8, Appli Sequence 104, App	equence 44, A equence 42, A equence 142, A equence 142, A equence 142,	equence 4
US-09-150-812-26 US-09-712-210-769 US-09-252-91A-17582 US-07-757-022B-14 US-07-757-022B-84 US-07-757-022B-74 US-07-757-022B-74	US-08-111-939-2 US-09-641-741-30 US-09-060-482-8 US-07-757-0208-104	US-07-757-022B-44 US-07-757-022B-42 US-07-757-022B-142 US-07-757-022B-142	1 1 1
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ALIGNMENTS

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                                                                                                                                                           GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: FASEL, Nicolas Joseph
APPLICANT: GLASER, Theresa Ann
TITLE OF INVENTION: IMMUNITY TO TRYPANOSOMATIDS SPECIES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Pilsbury Madison & Sutro
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STRATE: 1000 New York Avenue, N.W.
COUNTRY: USA
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720 Kb
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatib
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match 59.8%; Score 70; DB 2; Length 105; Best Local Similarity 71.4%; Pred. No. 0.011; Matches 15; Conservative 0; Mismatches 6; Indels
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                                        , Sequence 5, Application US/08668255; Patent No. 5965143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELERAX: 202-822-0944
TELEX: 6714627
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 105 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                            GENERAL INFORMATION:
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US-08-668-255-5
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Sequence 17. Application US/08293284A

| Sequence 17. Application US/08293284A
| Patent No. 5955343
| GENERAL INFORMATION:
| APPLICANT: Holmes, Todd
| APPLICANT: Alanes, Shuguang
| APPLICANT: Alanes, Shuguang
| APPLICANT: Lockshin, Curtis
| APPLICANT: Dispersio, C. Michael
| TITLE OF INVENTION: THEREFOR NUMBER: G. MICHAEL
| MADRESSEE: HAMILTON, ERCOK, SMITH & REYNOLDS, P.C.
| STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts
| COMPUTER: Ispersion STATE: Massachusetts
| COMPUTER: Ispersion STATE: Massachusetts
| COMPUTER: Ispersion STATE: Michael
| Patentin Release #1.0, Version #1.25 |
| CUMPUTER: DATE PATENTIN Release #1.0, Version #1.25 |
| CUMBERT PATENTION DATE: MISSACHUSEN MUMBER: 22-AUG-1994 |
| FILING DATE: Z2-AUG-1994 |
| PATING PATE: CALASIFICATION NUMBER: DATE N
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CLASSIFICATION: 435
FRIOR APPLICATION DATA:
APPLICATION UNMER: 07/973,326
FILING DATE: 28-DEC-1992
ATTONEY/ASORT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-293-284A-17
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                             Sequence 7, Application US/08668255
Patent No. 2565143
GENERAL INFORMATION:
APPLICANT: FASEL, Nicolas Joseph
APPLICANT: GLASER, Theresa Ann
TILLE OF INVENTION: INMUNITY TO TRYPANOSOMATIDS SPECIES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEB: Pillsbury Madison & Sutro
STREET: 1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 58.1%; Score 68; DB 2; Length 96; Best Local Similarity 66.7%; Pred. No. 0.018; Matches 14; Conservative 1; Mismatches 6; Indels
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PERTENT NO. 5670483
GENERAL INFORMATION:
APPLICANT: Lockshin, Curtis
APPLICANT: Lockshin, Curtis
APPLICANT: Holmes, Todd
ITILE OF INVENTION: SELP-ASSEMBLY OF AMPHIPHILIC PEPTID)
TITLE OF INVENTION: THEREFOR
ITILE OF INVENTION: THEREFOR
MUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROCK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTY: USA

ZIP: 20005-3918

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720 Kb
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/668,255
FILING DATE: June 20, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96200665.6
FILING DATE: March 12, 1996
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 11422/224090
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 KKPAKAARKKPAKAARKKPAK 23
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             96 amino acids
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STATE: Massachusetts
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
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US-08-668-255-7
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            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: El POPPY disk
COMPUTER: TEM PC COMPATIBLE
COMPUTER: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTING DATA:
APPLICATION NUMBER: US/08/346,849
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATONNEY/AGENT INPOMMATION:
NAME: BROOK, David E.
REGISTRATION NUMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             53.8%; Score 63; DB 1; 53.1%; Pred. No. 0.053;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 ARKKPAKAA-----RKKPAKAARKKPAKA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                          REPERENCE/DOCKET NUMBER: 22,592
REPERENCE/DOCKET NUMBER: MIT-6008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 61 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-346-849-17
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Matches 17; Conserv
02173-4799
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Indels

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1; Mismatches

17; Conservative

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Matches
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| Sequence 17. Application US/08898300
| Patent No. 6548630
| GENERAL INFORMATION:
| APPLICANT: Lockshin, Curtis
| APPLICANT: Lockshin, Curtis
| APPLICANT: Rich, Alexander |
| APPLICANT: Rich, Alexander |
| APPLICANT: Holmes, Todd |
| TITLE OF INVENTION: SILF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES |
| TITLE OF INVENTION: THEREFOR |
| TITLE OF INVENTION: THEREFOR |
| TITLE OF INVENTION: THEREFOR |
| CORRESPONDENCES ADDRESS: ADDRESSE: ADDRESSE: HAMILION, BROOK, SMITH & REYNOLDS, P.C. |
| STREET: TWO Militia Drive |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 53.8%; Score 63; DB 2; Length 61; Best Local Similarity 53.1%; Pred. No. 0.053; Matches 17; Conservative 1; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: AND CALLED AND C
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Pred. No. 0.053;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ARKKPAKAA-----RKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25 AAKKPKKAAAVKKSPKKAKKPAAATKKAAKS 56
REFERENCE/DOCKET NUMBER: MIT-6008A TELECOMOUNICATION INPORMATION:
TELEPHONE: (617) 861-6240
TELEPHONE: (617) 861-9540
INPORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 61 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           53.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein US-08-898-300-17
                                                                                                                                                                                                                                                                                         TYPE: amino and TOPOLOGY: linear MOLECULE TYPE: protein US-08-293-284A-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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US-08-898-300-17
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Patent No. 5670483

GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
0
Query Match
Best Local Similarity 61.9%; Pred. No. 0.11;
Matches 13; Conservative 1; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 KKPAKAARKKPAKAARKKPAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      41 KKPAKKVAEKPAKKVVAKPAK 61
                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 6714627
INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS: LENGTH: 96 amino acids TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-668-255-9
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us-09-496-391-49.rai

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Score 61; DB 2;
Pred. No. 0.095;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                              3 ККРАКААККРАКААККРАКА 24
                                                                                                                                                                                                                                                                                                                                                                                                30 KKPKKKAAKKAKKPAKKSPKKA 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/08898300 Patent No. 6548630 GENERAL INFORMATION:
                                                     NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFRENCE/DOCKET NUMBER: MIT-
TELECOMMUNICATION INFORMATION:
TELEPRA: (617) 861-6240
TELEPRA: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 59.1%;
                        FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                            Matches 13; Conservative
                                                                                                                                                                                                        TYPE: amino acid
;
TOPOLOGY: linear
;
MOLECULE TYPE: protein
US-08-293-284A-16
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ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive CITY: Lexington CITY: Lexington STATE: Massachusetts COUNTRY: U.S.A.
                                                                                 ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PICOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REPERSNEW FOOKET NUMBER: MIT-6008
TELECOMUNICATION INFORMATION:
                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 KKPAKAARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       30 KKPKKKAAKKAKKPAKKSPKKA 51
                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein US-08-346-849-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: 1:-
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Holines, Tock
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES:
ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COMPUTRY: U.S.A.
ZIP: 02173-4799
COMPUTRE READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTR: IBM PC compatible
COMPUTR: Elexington
MEDIUM TYPE: Floppy disk
COMPUTR: Elexington
APPLICATION NUMBER: US/08/898,300
FILING DATE: 22 JULY 1997
APPLICATION NUMBER: 04/973,326
FILING DATE: 22 JULY 1997
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REFERENCE/DOCKET NUMBER: 22,592
REGESTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: 1034,044,041
                                                               Gaps
                                                               .
0
Length 60;
                                                            8: Indels
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Braun, Offer

TITLE OF INVENTION: Diagnosis, Prevention and Treatment of

TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using

TITLE OF INVENTION: Microbial UC PANCA antigens

NUMBER OF SEQUENCES: 41

CORRESPONDENCES: 42

ADDRESSEE: Campbell & Flores LLP

STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego

STATE: California

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                           Length 214;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25 CURENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                              50.4%; Score 59; DB 3 56.5%; Pred. No. 0.6; tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Carbryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECHOWIUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFRAX: (619) 535-9001
TELEFRAX: (619) 535-9019
TELEFRAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 amino acids
                                                                                          P-PM 3006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |:| ||| | ||:
115 AKKAPAKKATKAAKKAATKAPAR 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKPAKAARKKPAKAARKKPAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-417-264-27
; Sequence 27, Application US/09417264
; Patent No. 6537768
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,915
REFFRENCE/DOCKET NUMBER: P-PM
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-901
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-041-889-27
                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 56.5
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-417-264-27
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US-09-25-91A-31172

| Sequence 31172, Application US/09252991A
| Patent No. 6551795
| GENERAL INFORMATION:
| APPLICATION NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
| TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
| TITLE OF INVENTION: NUMBER: US/09/252, 991A
| CURRENT APPLICATION NUMBER: US 60/074,788
| PRIOR PILING DATE: 1999-02-18
| PRIOR PLICATION NUMBER: US 60/074,788
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR PRIING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR APPLICATION NUMBER: US 60/094,190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 27, Application US/09041889
; Sequence 27, Application US/09041889
; Patent No. 6033864
; Gebera No. 6033864
; APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
; TILLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
; TITLE OF INVENTION: Microbial UC pANCA antigens
; VUNERSPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
; STREET: A370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
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                                                                                                                                                      Gaps
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                                                                                          Query Match 52.1%; Score 61; DB 4; Length 60; Best Local Similarity 59.1%; Pred. No. 0.095; Matches 13; Conservative 1; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/041,889 FILING DATE: CLASSIFICATION: PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/837,058 FILING DATE: 11-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                             30 KKPKKKAAKKAKKPAKKSPKKA 51
                                                                                                                                                                                                               3 KKPAKAARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
/ ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 58.3
Matches 14, Conservative
         / MOLECULE TYPE: protein US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-041-889-27
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115 AKKAPAKKATKAAKKAATKAPAR 137

1 ARKKPAKAARKKPAKAARKKPAK 23

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Thu Aug 19 07:16:02 2004

ö / March 50.4%; Score 59; DB 3; Length 223; Local Similarity 56.5%; Pred. No. 0.63; Score 13; Conservative 2; Mismatches 8; Indels 1 ARKKPAKAARKKPAK 23 TOPOLOGY: linear MOLECULE TYPE: protein US-09-095-855-201 Query Match Best Loca Matches

US-09-205-426-201
Sequence 201, Application US/09205426
Patent No. 6406704
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.

; 0 TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections FILE OF INVENTION: Diagnosis of Mycobacterial Infections (URENT REPERENCE: 11000.10024
CURRENT FILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: 09/095,855
EARLIER APPLICATION NUMBER: 08/997,362
EARLIER FILING DATE: 1997-12-23
EARLIER FILING DATE: 1997-12-23
EARLIER FILING DATE: 1997-06-12
EARLIER FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 208
SOFFWARE: FastSEQ for Windows Version 3.0 Query Match 50.4%; Score 59; DB 4; Length 223; Best Local Similarity 56.5%; Pred. No. 0.63; Matches 13; Conservative 2; Mismatches 8; Indels 116 AKKAPAKKAAAKKAAPAK 138 1 ARKKPAKAARKKPAK 23 TYPE: PRT ORGANISM: Mycobacterium vaccae US-09-205-426-201 SEQ ID NO 201 LENGIH: 8 셤

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US-09-252-991A-32957

Query Match 48.7%; Score 57; DB 4; Length 316; Best Local Similarity 63.6%; Pred. No. 1.6; Matches 14; Conservative 0; Mismatches 8; Indels

Pseudomonas aeruginosa

; ORGANISM: Pseudc US-09-252-991A-32957

1 ARKKPAKAARKKPAKAPA 22

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Gaps

. 0

181 AAKPAAKAAAKPAAKPAAKKPA 202 g

Search completed: August 17, 2004, 16:14:40 Job time : 11.9406 secs

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August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/NEG_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                             US-09-496-391-49
117
1 ARKKPAKAARKKPAKAARK 24
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                    OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                        Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                                                                Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	5, Appli	7, Appli	61735, A	17, Appl	240100,	270857,	186290,	63665, A	9, Appli	16, Appl	71653, A	53794, A	61609, A	56061, A	238898,
Description	Sequence	Seguence	Sequence	Sequence	Seguence	Seguence	Sequence	Seguence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence
QI	US-10-093-892-5	US-10-093-892-7	US-10-282-122A-61735	US-10-390-472-17	US-10-424-599-240100	US-10-424-599-270857	US-10-437-963-186290	US-10-282-122A-63665	US-10-093-892-9	US-10-390-472-16	US-10-425-114-71653	US-10-425-114-53794	US-10-425-114-61609	US-10-425-114-56061	US-10-424-599-238898
DB	13	13	12	16	12	12	16	12	13	16	12	12	12	12	12
Query Match Length DB	105	96	212	61	81	101	293	947	96	9	210	215	215	298	179
Query Match	59.8	58.1	54.7	53.8	53.8	53.4	53.4	53.4	53.0	52.1	52.1	52.1	52.1	52.1	50.9
Score	70	69	64	63	63	62.5	62.5	62.5	62	61	61	61	61	61	59.5
Result No.		7	٣	4	Ŋ	9	7	ω	σ	10	11	12	13	14	15

	equence 408 equence 407 equence 407
10 - 282 - 122A - 618 10 - 262 - 208 - 2 10 - 282 - 122A - 625 10 - 282 - 122A - 648 10 - 282 - 122A - 765 10 - 282 - 122A - 661 10 - 282 - 122A - 661 10 - 282 - 122A - 661 10 - 282 - 122A - 662 10 - 282 - 122A - 683 10 - 282 - 122A - 533 10 - 282 - 122A - 683 10 - 282 - 122A - 683 10 - 282 - 122A - 533 10 - 282 - 122A - 683 10 - 282 - 122A - 683 10 - 282 - 122A - 533 10 - 282 - 122A - 233 10	10-202-1124-0033 10-425-114-40848 10-425-114-40769 10-425-114-40847
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11111000000000000000000000000000000000	1 4 4 4 1 8 4 8

ALIGNMENTS

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RESULT 1

US-10-093-892-5

Sequence 5, Application US/10093892

Publication No. US20020177697A1

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CONDRESSER: Pilisbury Madison & Sutro
STREET: 1100 New York Avenue, N.W.

CITY: Washington

STREET: 1100 New York Avenue, N.W.

CITY: Washington

STREET: USA

COMPUTER: USA

COMPUTER: EDABALE FORM:

MEDIUM TYPE: Diskette, 3.5 in, 720 Kb

COMPUTER: Diskette, 3.5 in, 720 Kb

COMPUTER: LEAD FC COMPABLIBE FORM:

MEDIUM TYPE: Diskette, 3.5 in, 720 Kb

COMPUTER: LIAN FC COMPABLIBE

COMPUTER: LIAN FC COMPABLIBE

COMPUTER: IN PC COMPABLIBE

SOFTWARE: WordPerfect 5.1

CURRATION OFFICE 10.003, 892

FILING DATE: 11-Mar-2002

CLASSIFICATION NUMBER: US/08/668.255

FILING DATE: JUNE 20, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Paul N. Kokulis

REFERENCE/COKCET NUMBER: 11422/224090

TELEPONMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPONMUNICATION INFORMATION:

TELEPONDE TELEPONDENCE TO SOURCE TO
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GENERAL INFORMATION:
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LENGTH: 212
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                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/10093892
Publication No. US20020177697A1
GENERAL INFORMATION:
APPLICANT: FASEL, Nicolas Joseph
GLASER, Theresa Ann
TITLE OF INVENTION: IMMUNITY TO TRYPANOSOMATIDS SPECIES
NUMBER OF SEQUENCES: 9
                                                                                                                                                               59.8%; Score 70; DB 13; Length 105; 71.4%; Pred. No. 0.091;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 13; Length 96;
                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720 Kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Paul N. Kokulis
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 11422/224090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS: . ADDRESSE: PIlsbury Madison & Sutro STREET: 1100 New York Avenue, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 58.1%; Score 68; DB 13
Best Local Similarity 66.7%; Pred. No. 0.15;
Matches 14; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 11-Mar-2002
FILING DATE: 11-Mar-2002
PRIOR APPLICATION DATA:
                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/668,255
FILING DATE: June 20, 1996
APPLICATION NUMBER: EP 96200665.6
FILING DATE: March 12, 1996
ATTORNEY/AGENT INFORMATION:
                                                             ;
TOPOLOGY: linear
;
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-093-892-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 7: US-10-093-892-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                3 KKPAKAARKKPAKAARKKPAK 23
                                                                                                                                                                                                                                                                                  50 KKPAKKVVKKPAK 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 KKPAKAARKKPAKAARKKPAK 23
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHPARACTERISTICS:
LENGTH: 105 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 6114627
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 96 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 202-822-0944
                                                                                                                                                                                                          Conservative
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                                                                                                                                            Query Match
Best Local Similarity
....nes 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                     JS-10-093-892-7
                                                                                                                                                                                                                                                                                    Db
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RESULT 3

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Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
THEREFOR
                                                                                                                                                                                                                                                                                                                                                                    TION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614 SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
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Pred. No. 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3; Mismatches
                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Identification of Essen
FILE REFERENCE: ELITRA, 034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PELICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARKKPAK--AARKKPAK 23
Sequence 61735, Application US/10282122A
Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/20,335
PRIOR PLING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/20,347
PRIOR PLING DATE: 2000-09-09
PRIOR FILING DATE: 2000-10-23
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 17, Application US/10390472
Publication No: US20040087013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
                                                                     Wang, Liangsu
Zamudio, Carlos
Malone, Cheryl
Haselbeck, Robert
Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 54.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Mycobacterium avium US-10-282-122A-61735
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                       Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 63.0<sup>3</sup>
Matches 17, Conservative
                                                                                                                                                                                               Zyskind, Judith
                                                                                                                                                                                                                      Wall, Daniel
Trawick, John
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Sequence 186290, Application US/10437963
; Sequence 186290, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Scovalic, David K.
; APPLICANT: Shou, Yihua
; APPLICANT: Shou, Yihua
; APPLICANT: Boukharov, Andrey A.
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Brants
; URRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 186290
; LENGTH: 293
                                                                                                                                                       Sequence 270857, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
Cao Yongwei
TITLE OF INVENTION:
Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION:
FILE REPRESENCE:
38-21(53233)8
CURRENT APPLICATION NUMBER:
UNRERNT FILING DATE:
CURRENT PILING DATE:
CURRENT FILING DATE:
CURRENT FILING DATE:
SEQ ID NOS: 285684
SEQ ID NOS: 285684
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 53.4%; Score 62.5; DB 12; Length 101; Best Local Similarity 69.6%; Pred. No. 0.78; Matches 16; Conservative 0; Mismatches 6; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          53.4%; Score 62.5; DB 16; Length 293; 41.7%; Pred. No. 2.2; tive 4; Mismatches 2; Indels 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FEATURE;
; OTHER INFORMATION: Clone ID: PAT_MRT3847_86602C.1.pep
US-10-424-599-270857
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) OTHER INFORMATION: Clone ID: PAT_MRT4530_83103C.1.pep
US-10-437-963-186290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        :|||| | :||||| 37 EKPAKPAAEKPAAFETEKPAAKEAAAKKAPAKA 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  --KKPAKAARKKPAK 23
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ORGANISM: Oryza sativa
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 7.
US-10-437-963-186290
                                                                                                                  RESULT 6
US-10-424-599-270857
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT
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APPLICANT: Kovalic David K
APPLICANT: Thou Yihua
APPLICANT: Thou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICANTON NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
LENGTH: 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ÷
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                                                                                                            COUNTER READABLE FORM:

ZIP: 02173-479

COMPUTER READABLE FORM:

MEDIUM TYPE: FIDOPY disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: BA PC COMPATIBLE
COMPUTER: BATCHIN PC-DOS/NA-DOS
SOFTWARE: PATCHIN PC-DOS/NA-DOS
SOFTWARE: PATCHIN NAMER: US/10/390,472
FILING DATE: 17-mar-2003
CLASSIFCATION NAMER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTCANY/AGENT INFORMATION:
NAME: BLOOK, David E.
REGISTRATION NUMBER: 22.592
REGISTRATION NUMBER: 23.592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 63; DB 12; Length 81; Pred. No. 0.54; 3; Mismatches 3; Indels
      ADDRESSEE: HAMILION, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match 53.8%; Score 63; DB 16; Length 61; Best Local Similarity 53.1%; Pred. No. 0.41; Matches 17; Conservative 1; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Clone ID: PAT_MRT3847_58838C.1.pep
US-10-424-599-240100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25 AAKKPKKAAAVKKSPKKAKKPAAATKKAAKS 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: NIT-6008A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-424-599-240100
; Sequence 240100, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
                               STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 53.8%;
ilarity 44.4%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conserv
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US-10-093-892-9
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PRIOR PAPLICATION NUMBER: 60/191, 078
PRIOR PLING DATE: 2000-03-21
PRIOR PLING DATE: 2000-05-21
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/207, 727
PRIOR APPLICATION NUMBER: 60/230, 335
PRIOR FILING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242, 578
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257, 931
PRIOR PLING DATE: 2000-11-27
PRIOR PLING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/257, 931
PRIOR PLING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/267, 636
PRIOR APPLICATION NUMBER: 60/267, 636
PRIOR PLING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRATION TO CURRENT APPLICATION NUMBER: 105,102A CURRENT APPLICATION DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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CITY: Washington STREET: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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Sequence 63665, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 9, Application US/10093892
Publication No. US20020177697A1
GENERAL INFORMATION:
APPLICANT: FASEL, Nicolas Joseph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 KKPAKAARKKPA-KAARKKPAK 23
                                                                                        APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ollsen, Kari
APPLICANT: Cyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , ORGANISM: Mycobacterium leprae US-10-282-122A-63665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 15; Conserv
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COPIC MEMBRANES FORMED BY OF AMPHIPHILIC PEPTIDES AND USES
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ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 13; Length 96;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORDURER: IBM PC compatible
CORRESTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/390,472
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-AUG-1994
                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/093,892
FILING DATE: 11-Mar-2002
CLASSIFICATION: CURKNOWN>
PRIOR APPLICATION WUMBER: US/08/668,255
FILING DATE: June 20, 1996
APPLICATION WUMBER: EP 96200665.6
FILING DATE: March 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: PAAIL N. KORLIS:
RESISTAATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 11422/224090
TELLEFAX: 202-861-3000
                                              δ,
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in, 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC
SELF-ASSEMBLY OF AM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 53.0%; Score 62; DB Best Local Similarity 61.9%; Pred. No. 0.86 Matches 13; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-390-472-16; Application US/10390472; Sequence 16, Application US/10390472; Publication No. US20040087013A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 KKPAKAARKKPAKAARKKPAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 96 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 6714627
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
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TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
LENGTH: 215
                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Zea mays
PEATURE:
PATURE:
OTHER INFORMATION: Clone ID: UC-ZMFLB73178A11_FLI.pep
US-10-425-114-53794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Clone ID: LIB3078-003-F7_FLI.pep
US-10-425-114-61609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
52.1%; Score 61; DB
Best Local Similarity 66.7%; Pred. No. 2.5;
Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          149 KPAKAAAAKSKKAAAAKPKKA 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        149 KPAKAAAAKSKKAAAAKPKKA 169
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Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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Sequence 71653, Application No. US20040034888A1.

Sequence To Control of Control
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APPLICANT: Bou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52.1%; Score 61; DB 16; Length 60; 59.1%; Pred. No. 0.73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Clone ID: LIB3067-008-F3_FLI.pep
US-10-425-114-71653
        APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REGIESTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
TELEFENDE: (617) 861-6540
TELEFENDE: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 53794, Application US/10425114; Publication No. US20040034888A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 KKPAKAARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30 KKPKKKAAKKAKKPAKKSPKKA 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            144 KPAKAAAAKSKKAAAAKPKKA 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 KPAKAARKKPAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 59.1:
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 12
US-10-425-114-53794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-390-472-16
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RESULT 13
US-10-425-114-61609
Sequence 61609, Application US/10425114
Sequence 61609, Application US/10425114
Sequence 61609, Application No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Pabaska, Jack E
APPLICANT: Pabaska, Jack E
APPLICANT: Pabaska, Jack E
APPLICANT: Pabaska, Jack E
APPLICANT: Das 1000 William and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53313)
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 61609
LENTH: 215 Sequence 56061, Application US/10425114
; Sequence 56061, Application No. US20040034888A1
; Publication No. US20040034888A1
; Publication No. US20040034888A1
; APPLICANT: Liu, Jingdong
; APPLICANT: Soren, Steven E
; APPLICANT: Tabaska, Jack E
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Uses Thereof for Plant Improvement
; FILE REFRENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; NUMBER OF SEQ ID NOS: 73128 . 0 ö Gaps 0 .. 52.1%; Score 61; DB 12; Length 215; 66.7%; Pred. No. 2.5; 7; Indels iive 0; Mismatches 7; Indels Length 215; 7; Indels

us-09-496-391-49.rapb

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                                                                                                                                     2; Indels 14; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 50.9%; Score 59.5; DB 12; Length 179; Best Local Similarity 62.5%; Pred. No. 3.2; Matches 15; Conservative 2; Mismatches 6; Indels 1
                                                                                                         Query Match 52.1%; Score 61; DB 12; Length 298; Best Local Similarity 44.1%; Pred. No. 3.4; Matches 15; Conservative 3; Mismatches 2; Indels
                                                 ; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMROB73006D02_FLI.pep
US-10-425-114-56061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , OTHER INFORMATION: Clone ID: PAT_MRT3847_5774C.1.pep US-10-424-599-238898
                                                                                                                                                                                243 RPAKAAKTSAKDTPGKKAAPAKKPAAAAKKAPAK 276
                                                                                                                                                               4 KPAKAAR-----KKPAKAARKKPAK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 RKKPAKAARKK-PAKAARKKPAKA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Glycine max
FEATURE:
SEQ ID NO 56061
LENGTH: 298
TYPE: PRT
ORGANISM: Zea mays
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Search completed: August 17, 2004, 17:19:23 Job time : 38.8416 secs

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Sequence 201, App Sequence 1365, A Sequence 12, Appl Sequence 13, Appl Sequence 13, Appl Sequence 13, Appl Sequence 14, Appl Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 16, Appl Sequence 23085, Appli Sequence 6, Appli
                                                                                                                               August 17, 2004, 15:50:03 ; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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13. \cgn2_6/\text{ptodate}/2/\text{iaa}/5A_\text{COMB.pep:*}

13. \cgn2_6/\text{ptodate}/2/\text{iaa}/5B_\text{COMB.pep:*}

33. \cgn2_6/\text{ptodate}/2/\text{iaa}/6B_\text{COMB.pep:*}

43. \cgn2_6/\text{ptodate}/2/\text{iaa}/6B_\text{COMB.pep:*}

45. \cgn2_6/\text{ptodate}/2/\text{iaa}/\text{PcTUS.COMB.pep:*}

5. \cgn2_6/\text{ptodate}/2/\text{iaa}/\text{PcTUS.COMB.pep:*}

6. \cgn2_6/\text{ptodata}/2/\text{iaa}/\text{packfiles1.pep:*}

6. \cgn2_6/\text{ptodata}/2/\text{iaa}/\text{packfiles1.pep:*}
                    GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-205-466-201
US-08-303-035-1355
US-08-303-025-12
US-08-3152-488-13
US-08-3152-488-13
US-08-436-7038-2
US-08-436-7038-4
US-08-436-7038-4
US-08-436-7038-4
US-08-436-7038-4
US-08-436-7038-4
US-08-303-025-16
US-08-929-329-5
US-08-929-329-6
US-08-939-300-16
US-08-939-300-16
US-08-939-300-16
US-08-939-300-16
US-08-939-300-16
US-08-939-300-16
US-09-252-991A-23085
US-09-252-991A-23085
US-09-405-743A-5
                                                                                                                                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                      389414 segs, 51625971 residues
                                                                                                                                                                                                                US-09-496-391-51
108
1 AKKARAAKKARAAKKARA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                  protein search, using sw model
                                                                                                                                                                                                                                                                                              BLOSUM62
Gapop 10.0 , Gapext
                                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Query
Match Length DB
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Perfect score:
                                                                                                                                                                                                                                                                                                  Scoring table:
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                                                                                                    OM protein -
                                                                                                                                                                                                                                                           Sequence:
                                                                                                                                                                                                                                                                                                                                                          Searched:
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Thu Aug 19 07:16:02 2004

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Gaps

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1 AKKARAAKKARAAKKARA 24
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                                                                                                                                                     NS-08-303-025-12

Sequence 12, Application US/08303025

Fatent No. 5614949

Fatent No. 5614949

FAPLICANT: Wakefield, Thomas W.

APPLICANT: Markefield, Thomas W.

APPLICANT: Stanley, James C.

TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOVEL PEPTICALAR BEIGHT HEPARIN

TITLE OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDERSORS Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CITY: United States of America
ZIP: 48226-415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: TRH-060548-00231
TELEGOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (DOS) Text
   299 AEKAAAAEKAAAAEKAAADKAAKA 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 AKKAKKAAKKAAKKAKKAX 27
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DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993

US-08-303-025-12
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// Patent No. 5919761
// GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: NA
ORIGINAL SOURCE:
ORGANISM: NA
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: N/A
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US-08-436-703B-1
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US-09-489-039A-13565
US-09-489-039A-13565
Patent No. 6610836
GENERAL INFORMATION
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
CURRENT FILING DATE: 2000-01-27
PRIOR PILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
LENGTH: 469
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                                                                                                                                    Gaps
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GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Watson, James D.

APPLICANT: Watson, James D.

TITLE OF INVENTION: Compounds and Methods for Treatment and TITLE OF INVENTION: Diagnosis of Mycobacterial Infections

CURRENT APPLICATION NUMBER: US/09/205,426

CURRENT FILING DATE: 1998-12-04

EARLIER FILING DATE: 1998-06-11

EARLIER FILING DATE: 1998-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1996-08-29

NUMBER OF SEQ ID NOS: 208

SOFTWARE FASESEQ for Windows Version 3.0

LENGTH: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 70.4%; Score 76; DB 4; Length 223; Best Local Similarity 81.8%; Pred. No. 0.0068; Matches 18; Conservative 0; Mismatches 4; Indels
                                                                     Length 223;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 58.3%; Score 63; DB 4; Length 469; Best Local Similarity 62.5%; Pred. No. 0.53; Matches 15; Conservative 4; Mismatches 5; Indels
                                                                                                                                    4; Indels
                                                              Query Match 70.4%; Score 76; DB 3;
Best Local Similarity 81.8%; Pred. No. 0.0068;
Matches 18; Conservative 0; Mismatches 4
                                                                                                                                                                                                                                        |||| ||||| |||||
147 AKKATAAKKAAPAKKATAAKKA 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       147 AKKATAAKKAAPAKKATAAKKA 168
                                                                                                                                                                                                  1 AKKARAAKKARAAKKA 22
                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 201, Application US/09205426
; Patent No. 6406704
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AKKARAAKKARAAKKA 22
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ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Mycobacterium vaccae US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-489-039A-13565
US-09-095-855-201
                                                                                                                                                                                                                                                                                                                                                                                          US-09-205-426-201
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Wakefield, Thomas W

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Query Match

56.0%; Score 60.5; DB 1; Length 32;

Best Local Similarity 73.1%; Pred. No. 0.1;

Matches 19; Conservative 4; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: ALAINEWS, Philip C.
APPLICANT: ALAINEWS, PHILIP C.
APPLICANT: STAINEWS, INCOME. PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Bsq.
ADRESSEE: Benita J, Rohm, Bsq.
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STREET: Libt Gates of America
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
                                                                                                                                                    COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READBLE Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY AGENT INPORMATION:
NAME: ROAM, BENTA J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELEPHONE: 908-276-5344
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
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STREET: 512 Springfield Avenue CITY: Cranford New Jersey COUNTRY: United States of America ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 )
DOCUMENT NUMBER: PCT/US92/08069
;
FILING DATE: 14-AUG-1993
US-08-152-488-13
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Patent No. 5614494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: N/I
TOPOLOGY: N/A
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Best Local Similarity 73.1%; Pred. No. 0.088;
Matches 19; Conservative 4; Mismatches 0; Indels
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APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Public C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
                                                 APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WITCOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER BENILA J, Rohm, Esq.,
STREET: 6601 Woodward Avenue
STREET: 8011 Woodward Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYDE: Ploppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Worderfect 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAX-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: ROHM: Benita J. 8,664
REGISTRACTION UNMBER: 7WK-060548-00
TELEPROMENCE/DOCKET NUMBER: 7WK-060548-00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
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                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Michigan
COUNTRY: United States of America
ZIP: 48226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/08152488 Patent No. 5534619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                    Detroit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 6
US-08-152-488-13
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US-08-436-703B-1
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Score 60.5; DB 1; Length 32; Pred. No. 0.1; 4; Mismatches 0; Indels
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APPLICANT: Andrews, Philip C.
APPLICANT: Standers, Philip C.
APPLICANT: Standers, Philip C.
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: ROAM, Benita J.
RESISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-060548-00233
TELECOMMUNICATION INFORMATION:
                            ATTORNEY/AGENT INFORMATION:

NAME: Rohm, Benita J.

REGISTRATION NUMBER: RM-7MG
TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-276-3344
TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
ILROGHIS amino acids
TYPE: amino acids
TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
TOPOLOGY: No. 5721212 Relevant
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORIGINAL SOURCE:
ORIGINAL SOURCE:
AUTHORS: N/A
PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-677-304-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: 5601 Woodward Avenue
STREET: 5601 Woodward Avenue
STREET: 5601 Woodward Avenue
STREET: 5601 Woodward Avenue
STRTE: Michigan
COTYTY: Detroit
STRYE: Michigan
CONTRY: United States of America
ZIP: 48226
COMPUTER: EACH
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION NUMBER: NS/ARAIND NAMER: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 AKKA-RAAKKA-RAAKKAR 23
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GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 73.1%;
Matches 19; Conservative 4
                  FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-436-703B-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PATEBLE INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSE: Benita J, Rohm, Esq.
STRRET: Benita J, Rohm, Esq.
STRRET: Lanford
STRRET: United States of America
ZIP: 07016-1811
COMPUTER: Library disk
COMPUTER: Library disk
COMPUTER: Library MS-DOS
SOFTWARE: WORDER: MS-DOS
SOFTWARE: WORDER: NATE.
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text CURRENT APPLICATION DATA:

RPLICATION NUMBER: US/08/303,025
FLIUG DATE: 08-SEPT-1994
CLASSIFICATION: 514
RRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REPERMICAPORCET NUMBER: 7WH-060549-00231
TELEPHONE: 313-496-7622
TELEPHONE: 313-496-8454
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
NOLECULE TYPE: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 AKKA-RAAKKA-RAAKKAR 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 13, Application US/08677304
; Patent No. 5721212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         N/A
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3; Gaps

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Query Match
Best Local Similarity 73.1%; Pred. No. 0.1;
Matches 19; Conservative 4; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 60.5; DB 2; Length 33; Pred. No. 0.1;
                                                                                                                                                                                                                                                                                                   1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
                                                                                                                                                                                 ; TITLE: N/A

; DCCUMENT NUMBER: PCT/US92/08069

; FILING DATE: 14-AUG-1993

US-08-303-025-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGIH: 33 amino acids
PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: N/
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                     Patent No. 5919761
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TITLE: N
US-08-436-703B-4
                                                                                                                                                                                                                                         RESULT 11
US-08-436-703B-4
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                                                                                                                                                                                                                                                                                                                                                                                   CS-08-303-025-16

Sequence 16, Application US/08303025

Patent No. 5614494

GENERAL INFORMATION

APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN

TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN

TITLE OF INVENTION: ANTICOAGULATION REVERSAL

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE:
Benita J. Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: United States of America
COUNTRY: United States of America
COMPUTER: United States of America
COMPUTER: Depy diskette 3.5" 1.44Mb
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REPERFNICE/DOCKET NUMBER: 7WH-060548-00231
TELEBEHONE: 313-496-7622
                                                                                                                                                                                                                                                                                                                       1 AKKA-RAAKKA-RAAKKAR 23
                     TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 aming acids
       313-965-1976
                                                                                                         TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                    ; AUTHORS: N/
; TITLE: N/A
US-08-436-703B-2
         TELEPHONE:
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TITLE OF INVENTION: Diagnosis, Prevention and Tre
TITLE OF INVENTION: Ulcerative Colitis, and Clini
TITLE OF INVENTION: Histone H1
NUMBER OF SCHENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | | | | | : | | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 218 amino acids
amino acid
                                                                                                                                                                                                                                 STREET: 4370 La Jol
CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGIH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-837-058-4
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                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09041889
Patent No. 6033864
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
TITLE OF ENVENTION: Microbial UC PANCA antigens
NUMBER OF SEQUENCES:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
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56.0%; Score 60.5; DB 3; Length 218;
Best Local Similarity 55.6%; Pred. No. 0.55;
Matches 15; Conservative 5; Mismatches 4; Indels
        Indels
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H1-S-4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENY APPLICATION DATA: APPLICATION NUMBER: US/09/041,889
        .,
4; Mismatches
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PRICE APPLICATION NUMBER: US 08/837,058
FILING DATE: 11.APR-1997
ATTORNEY/ACENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELEPHONE: (619) 555-9001
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ||||::|||:||| :|||
166 AKKAKSPKKARAAKPKKAPKSPAKAKA 192
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                                                                            1 AKKA-RAAKKA-RAAKKA-RAAKKAR 23
                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       218 amino acids
    Conservative
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) OTHER INFORMATION:

) OTHER INFORMATION:

US-09-041-889-4
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NAME/KEY: Peptide
1 218
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.
    19;
                                                                                                                                                                                                                                                                 RESULT 12
US-09-041-889-4
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Matches
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q

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Sequence 4, Application US/09417264
| Patent No. 6537768
| GENERAL INFORMATION:
| APPLICANT: Braun, Jonathan | APPLICANT: Braun, Jonathan | APPLICANT: Cohavy, Offer | TITLE OF INVENTION: Discretive Colitis, and Clinical Subtypes Thereof, Using | TITLE OF INVENTION: Microbial UC pANCA antigens | TITLE OF INVENTION: Microbial UC pANCA antigens | TITLE OF COMPANCES | All CORRESPONDENCE ADDRESS: | ADDRESSE: Campbell & Flores Lip | STREET: 4370 La Jolla Village Drive, Suite 700 | CITY: San Diego | CITY: San Diego | CITY: San Diego | CITY: San Diego | CITY: USA | COUNTRY: USA | CITY: San Diego | CITY: San
Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Histone H1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Η;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/837,058
FILING DATE:
FILING DATE:
CLASSIFICATION:
NAME: CAMPDEL1, CARLAY A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 2438
TELEPHONE: (619) 535-8949
FILIEDPHONE: (619) 535-8949
FILIEDPHONE: CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 1.218
OTHER INFORMATION: /note= "product = Human Histone OTHER INFORMATION: H1-S-4"
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
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Gaps

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Query Match 56.0%; Score 60.5; DB 3; Length 1507; Best Local Similarity 72.7%; Pred. No. 3; Matches 16; Conservative 0; Mismatches 5; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Search completed: August 17, 2004, 16:14:41 Job time : 12.9406 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1213 KKABAVKKABBAKKKABAKKA 1234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 KKARAAKKA-RAAKKARAAKKA 22
                                                                                                                                                                                Plasmodium yoelii
                                         HYPOTHETICAL: NC
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Plat
MOLECULE TYPE:
                                                                                                                                                                                                                      US-08-929-329-5
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| Sequence 5. Application US/08929329
| Patent No. 6120770
| CENERAL INFORMATION:
| APPLICANT: Adams, John H
| APPLICANT: Dalton, John P
| APPLICANT: Dalton, John P
| APPLICANT: Mappe, Stefan
| TITLE OF INVENTION: Plasmodium Proteins Useful for Preparing
| TITLE OF INVENTION: Vaccine Compositions
| TOWNERS OF SEQUENCES: 23
| CONFUTER: Indiana
| COUNTY: Indianapolis | TOWNERS: ELOPSY Misk
| COMPUTER: Indianapolis | TOWNERS: DESPETION NOTA: PROPENTION: WAS A TITLE OF TOWNERS: US/08/929,329
| TELECOMMUNICATION INFORMATION: SEQUENCE CHARACTERISTICS: SEQUENCE CHARACTERISTICS: SEQUENCE CHARACTERISTICS: TENCHALL SEARCH SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3;
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Best Local Similarity 55.6%; Pred. No. 0.55;
Matches 15; Conservative 5; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:

NAME/KEY: Peptide

LOCATION: 1..218

OCHER INPORMATION: /note= "product = Human Histone"

US-09-417-264-4
                           CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   166 AKKAKSPKKAKAKPKSPAKAKA 192
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STRANDEDNESS:
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 15
US-08-929-329-5
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Sequence 201, App
Sequence 52, Appl
Sequence 127, App
Sequence 5748,
Sequence 7, Appli
Sequence 7, Appli
Sequence 6, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 18290,
Sequence 186290,
                                                                                                                               August 17, 2004, 16:06:45; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No, is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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(cgn2_6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO7 NEW PUB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*

(cgn2_6/ptodata/1/pubpaa/PCUG2_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

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(cgn2_6/ptodata/1/pubpaa/USO0P_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                              1292805
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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6 US-10-240-430-8
6 US-10-240-430-7
6 US-10-240-430-7
6 US-10-240-430-5
4 US-10-229-567-4
6 US-10-229-567-4
6 US-10-229-567-4
6 US-10-229-567-4
6 US-10-240-430-2
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US-10-437-963-186290
US-10-156-761-12370
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US-10-205-979-52
US-09-771-161A-127
                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                   1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                       1 AKKARAAKKARAAKKARA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Published Applications AA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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108
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Match
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Perfect score:
                                                                                                                                                                                                                                                                                                                  Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Database :
                                                                                                                                                                                                                                                                                                                                                                                      Searched:
                                                                                                                                                                                                                                                                            Sequence:
                                                                                                                                      Run on:
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Sequence 2, Appli Sequence 32, Appl Sequence 16, Appl Sequence 5311, A Sequence 125161, Sequence 6627, A	5, Appl 6, Appl 10342, 174862 1440,	Sequence 1841 Sequence 1130 Sequence 4, Ap Sequence 5648 Sequence 6996 Sequence 1795 Sequence 3980	3, ADP 62547 64817 27, A 15997 15997 24137 24140
88-721-2 88-721-3 390-472- 282-122A 437-963-	09-816-989A-5 09-816-989A-5 -10-156-761-1034; -10-424-599-17488; -10-425-114-5606; -10-369-933-1440	15.10-42.45.99-14484. 150-15.31-1184. 1510-15.761-11306. 3-09-81.6-989.A-4. 1510-282-122.A-5648. 1510-282-122.A-6996. 1510-369-493-3980. 1510-369-493-3980.	16-989A- 288-122A- 228-122A- 424-599- 424-599- 424-599- 424-599- 437-963-
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ALIGNMENTS

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WESULO 1051-643-201
Sequence 201, Application US/10051643
Sequence 201, Application US/10051643
Sequence 201, Application US/10051643
FUBLICATIN WAS 100.
APPLICANT: Watson, James D.
APPLICANT: Watson, James D.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: System using Mycobacterium Vaccae
CURRENT APPLICATION NUMBER: US/10/051,643
FURNER FILING DATE: 1998-09-17
PRIOR PILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: US 08/996,624
PRIOR APPLICATION NUMBER: US 08/996,624
PRIOR PILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 208
SOFWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 201
LENGTH: 223
TYPE: PRT
CUBRENT FILING DATE: 1939
TYPE: PRT
CORGANISM: Mycobacterium vaccae
US-10-051-643-201

Query Match
Best Local Similarity 81.8%; Pred: No. 0.014;
Best Local Similarity 81.8%; Pred: No. 0.014;
Best Local Similarity 91.8%; Pred: No. 0.014;
```

RESULT 2 US-10-205-979-52 Sequence 52, Application US/10205979 Publication No. US20030147861A1

Thu Aug 19 07:16:03 2004

TYPE: PRT

g

```
APPLICANT: Yanamaco, Rebert
APPLICANT: Yanamaco, Rebert
APPLICANT: Yanamaco, Rebert
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
APPLICANT: Forsyth, R.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
FRIOR APPLICATION NUMBER: 60/191,078
PRIOR APPLICATION NUMBER: 60/201,22
PRIOR APPLICATION NUMBER: 60/200,848
PRIOR PILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR PRILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/263,636
PRIOR APPLICATION NUMBER: 60/263,636
PRIOR APPLICATION NUMBER: 60/263,636
PRIOR APPLICATION NUMBER: 60/263,636
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-03-09
PRIOR PILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-03-09

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US-10-20-430-8

US-10-20-430-8

Publication No. US20040110928A1

GENERAL INFORMATION:

APPLICANT: Crisanti, Andrea

APPLICANT: Crisanti, Andrea

TITLE OF INVENTION: Peptide Conjugates for Drug Delivery

TITLE REFERENCE: GJS-64-15

FILE REFERENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-12

PRIOR PILING DATE: 2001-04-12

PRIOR PILING DATE: 2001-04-12

PRIOR PILING DATE: 2001-02-02

PRIOR PILING DATE: 2000-04-12

PRIOR PILING DATE: 2000-04-12

PRIOR PILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 14

SEQ ID NO 8

LENGTH: 55

TWORD THE PRIOR 
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Carr, Grant
Yamamoto, Robert
Forsyth, R.
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US-10-240-430-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) ORGANISM: Entero
US-10-282-122A-55748
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LENGTH: 428
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0
                         APPLICANT: Tan, Paul L. J.
APPLICANT: Tan, Paul L. J.
APPLICANT: Abernethy, Nevin
TITLE OF INVENTION: Compounds and Methods for the Modulation
TITLE OF INVENTION: Compounds and Methods for the Modulation
TITLE OF INVENTION: Of Immune Responses
FILE REFERENCE: 11000.1063U
CURRENT APPLICATION NUMBER: US/10/205,979
CURRENT FILING DATE: 2002-07-25
PRIOR APPLICATION NUMBER: 60/308,446
PRIOR APPLICATION NUMBER: 60/308,446
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 52
LENGTH: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
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70.4%; Score 76; DB 14; Length 223;
Best Local Similarity 81.8%; Pred. No. 0.014;
Matches 18; Conservative 0; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 127, Application US/09771161A
| Patent No. US20020110811A1
| GENERAL INFORMATION:
| TITLE OF INVENTION: et al. |
| TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES |
| TITLE OF INVENTION: VARIANTS OF PROPER |
| CURRENT FILING DATE: 2001-01-26 |
| PRIOR FILING DATE: 2000-11-28 |
| PRIOR FILING DATE: 2000-6-15 |
| PRIOR FILING DATE: 2000-6-15 |
| PRIOR APPLICATION NUMBER: 135776 |
| PRIOR FILING DATE: 2000-6-15 |
| PRIOR FILING DATE: 2000-6-15 |
| PRIOR FILING DATE: 2000-6-15 |
| NUMBER OF SEQ ID NOS: 273 |
| SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Mycobacterium vaccae US-10-205-979-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
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APPLICANT: Wang, Liangeu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
     James D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
US-09-771-161A-127
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SEQ ID NO 127 LENGTH: 243 TYPE: PRT

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APPLICANT: APPLICANT: APPLICANT:

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TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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CONTINE READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: DAtentIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/229,567

FILING DATE: 27-Aug-2002

CLASSIFICATION NUMBER: US/09/417,264

FILING DATE: CURROWN>

APPLICATION NUMBER: US/09/417,264

FILING DATE: CURROWN>

APPLICATION NUMBER: US 09/041,889

FILING DATE: CURROWN>

APPLICATION NUMBER: US 09/041,889

FILING DATE: CURROWN>

APPLICATION COMPATION:

NAME: CAMPBENT INFORMATION:

NAME: CAMPBENT INFORMATION:
                                                                                                                                                                                                      Sequence 5, Application US/10240430

Sequence 5, Application US/10240430

Publication No. US20040110928A1

GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea

APPLICANT: Esseghir Selma

ITILE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GUE-402

CURRENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-15

PRIOR APPLICATION NUMBER: UK 0102667.3

PRIOR PILING DATE: 2001-04-12

PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ 1D NOS: 14

SOFTWARE: Patentin version 3.1

SEQ 1D NO 5.00
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ADDRESSEB: Campbell & Flores LiP
STRET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
                                          76 AKKAKSPKKAKAAKPKKAPKSPAKAKA 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       76 AKKAKSPKKAKAAKPKKAPKSPAKAKA 102
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US-10-229-567-4
Sequence 4, Application US/10229567
Publication No. US20030092080A1
CENERAL INFORMATION:
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TYPE: PRT
ORGANISM: Homo sapiens
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                                          Gaps
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                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/10240430
; Sequence 7, Application US/10240430
; Publication No. US20040110928A1
; GENERAL INFORMATION:
    APPLICANT: Crisanti, Andrea
; APPLICANT: Escapti, Selma
; TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
rile REFERENCE: GJE-6402
; CURRENT APPLICATION NUMBER: US/10/240,430
; CURRENT FILING DATE: 2003-04-15
; PRIOR APPLICATION NUMBER: UK 0102667.3
; PRIOR PLING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: UK 0009080.3
; PRIOR PLING DATE: 2000-04-12
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NOS: 14
                                      4; Indels
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| Publication No. US20030125239A1
| GENERAL INFORMATION:
| APPLICANT: Crisanti, Andrea |
| APPLICANT: Esseghir, Selma |
| TITLE OF INVENTION: Compositions for Drug Delivery |
| FILE REFERENCE: GENERALION OF |
| CURRENT APPLICATION NUMBER: US/10/262,209 |
| CURRENT FILING DATE: 2002-09-30 |
| PRIOR APPLICATION NUMBER: PGT/GB01/01699 |
| PRIOR APPLICATION NUMBER: PGT/GB01/01699 |
| PRIOR FILING DATE: 2001-04-12 |
| PRIOR FILING DATE: 2001-04-12 |
| PRIOR FILING DATE: 2001-04-12 |
| PRIOR FILING DATE: 2000-04-12 |
| PRIOR PRIOR APPLICATION NUMBER: W 0009080.3 |
| PRIOR FILING DATE: 2000-04-12 |
| PRIOR PRIOR PRIOR DATE: 2000-04-12 |
| SQOTWARE: PRIOR 
Best Local Similarity 55.6%; Pred. No. 0.35
Matches 15; Conservative 5; Mismatches
                                                                                                                                                         12 AKKAKSPKKAKAAKPKKAPKSPAKAKA 38
                                                                                                           1 AKKARAAKKARAAKKARAAK---KARA 24
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                           RESULT 6
US-10-240-430-7
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US-10-262-209-2
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rred. No. 1.4;
5; Mismatches
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CURRENT FILING DATE: 2003-04-15
PRIOR APPLICATION WUMBER: PCT/GB01/01697
PRIOR FILING DATE: 2001-04-12
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
LENGTH: 234
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                                                                                                                                                                                                                                                                                                                                             1 AKKARAAKKARAAKKARAAK---KARA 24
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 55.6%;
Matches 15; Conservative
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US-10-240-430-2
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Best Local Similarity
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US-09-816-989A-7
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                                                                                                                                                                                                                                                                                                                        Length 218;
                                                                                                                                                                                                                                OTHER INFORMATION: /note= "product = Human Histone H1-S-4"
                                                                                                                                                                                                                                                                                                                                                              Indels
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Publication No. US20040110928A1
GENERAL INFORMATION:
APPLICANT: Cisanti, Andrea
APPLICANT: Esseghir, Selma
TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: GAF-6402
CURRENT APPLICATION NUMBER: US/10/240,430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 14;
                          REFERENCE/DOCKET NUMBER: P-PM 3006
                                                                                                                                                                                                                                                                                                                          Query Match 56.0%; Score 60.5; I Best Local Similarity 55.6%; Pred. No. 1.3; Matches 15; Conservative 5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                  166 AKKAKSPKKAKAKPKKAPKSPAKAKA 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      167 AKKAKSPKKAKAAKPKKAPKSPAKAKA 193
                                                                                                                                                                                                                                                                                                                                                                                                  1 AKKARAAKKARAAKKARAAK---KARA 24
                                                                                                                                                                                                                                                                         SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AKKARAAKKARAAKKARAAK---KARA 24
     REGISTRATION NUMBER: 31,815
                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                            LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                         TELEFAX: (619) 535-8949 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10262209 Publication No. US20030125239A1
                                                                                                                                                                                                     Peptide
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Best Local Similarity
                                                                                                                                                                                                  NAME/KEY:
LOCATION:
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                                                                                                                                                                                   FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 234
TYPE: PRT
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Sequence 7, Application US/09816989A

| Sequence 7, Application US/09816989A
| Patent No. US20020115103A1
| GENERAL INFORMATION:
| APPLICANT: Lis, Doris
| TITLE OF INVENTION: COPOLYMER I RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
| TITLE OF INVENTION: AND FOR THERAPEUTIC USE
| TITLE OF INVENTION: AND FOR THERAPEUTIC USE
| TITLE OF INVENTION: AND FOR THERAPEUTIC USE
| CURRENT APPLICATION NUMBER: US/09/816,989A
| CURRENT FILING DATE: 2001-03-23
| PRIOR FILING DATE: 1998-09-25
| PRIOR FILING DATE: 1998-09-24
| NUMBER OF SEQ ID NOS: 7
| SOFTWARE: Patentin Version 3.1
| SEQ ID NO 5.2
| SEQ ID NO 5.2
| SEQ ID NO 5.3
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                                                          Gaps
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Length 234;
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                                                          Indels
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Gaps

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9; Indels

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Best Local Similarity 62.5%; Pred. No. 3.8; Matches 15; Conservative 0; Mismatches
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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Acoustic, David K.
APPLICANT: Cao, Yongwai
APPLICANT: Cao, Yongwai
APPLICANT: Burkarou, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Find
APPLICANT: Li, Find
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 186290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                 APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFRENCE: ELITRA.034

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: 60/191,078

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR APPLICATION NUMBER: 60/203.21

PRIOR FILING DATE: 2000-03-23

PRIOR FILING DATE: 2000-05-23

PRIOR FILING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-06

PRIOR APPLICATION NUMBER: 60/230,335

PRIOR FILING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-10-23

PRIOR FILING DATE: 2000-10-23

PRIOR FILING DATE: 2000-10-23

PRIOR FILING DATE: 2000-10-23

PRIOR FILING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-24

PRIOR PLING DATE: 2000-10-24

PRIOR PLING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PLING DATE: 2001-02-06

PRIOR APPLICATION NUMBER: 60/269,308

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16
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US-10-437-963-186290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 186290, Application US/10437963; Publication No. US20040123343A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              130 AAKAAEAKKAAEAKKADEAKKA 151
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US-10-282-122A-68109
         Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Oryza sativa
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Gaps
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                                                                                                                                                                                                                                                                        APPLICANT: IMEDA, HARUO
APPLICANT: IMEDA, HARUO
APPLICANT: IMEDA, HARUO
APPLICANT: IMEDA, HARUO
APPLICANT: SHIKAWA, JUN
APPLICANT: SHIKAWA, HROSHI
APPLICANT: SHIBA, TADAXOSHI
APPLICANT: SHIBA, TADAXOSHI
APPLICANT: SHIBA, TADAXOSHI
APPLICANT: HATTORI, MASAHIRA
ITILE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERBENCE: 249-226
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR FILING DATE: 2001-05-30
PRIOR PLILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-06-30
PRIOR FILING DATE: 2001-06-30
NUMBER OF SEQ ID NOS: 15109
SEGO ID NO 12370
LENGTH: 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ||:|:
94 AKQAKSDLADAKKKABATKKABAARRAA 122
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                                                   258 akkpadakkapakkaapakkada 281
1 AKKARAAKKARAAKKARA 24
                                                                                                                                                                                                Sequence 12370, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-12370
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Search completed: August 17, 2004, 17:19:23 Job time : 37.8416 secs

Score 58; DB 16; Length 293;

53.78;

Query Match

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RESULT 2
US-09-226-91A-24114
| Sequence 24114, Application US/09252991A
| Sequence 24114, Application US/09252991A
| Setent No. 651795
| Patent No. 651795
| TERRET INPORMATION: UNLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
| TITLE OF INVENTION: APRIGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
| TITLE OF INVENTION: APROGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
| FILE REFERENCE: 107196.136
| CURRENT APPLICATION NUMBER: US/09/252,991A
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-02-18
| PRIOR FILING DATE: 1998-07-27
| NUMBER OF SEQ ID NOS: 33142
| LENGTH: 907
| TYPE: PRI
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                                                                                                         August 17, 2004, 15:50:03 ; Search time 8.95545 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-252-991A-30158
US-09-252-991A-24114
US-08-436-703B-17
US-08-436-703B-17
US-09-0352-990-23
US-09-041-289-4
US-09-041-289-4
US-09-0417-28-4
US-09-417-28-4
US-09-417-28-4
US-09-056-526-23
US-09-072-596-23
US-09-056-556-23
US-09-072-970-0834-13
US-09-252-991A-27204
US-09-413-814-79
US-09-252-991A-27345-
US-09-134-000C-3554
US-09-136-090-94
                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                     389414 segs, 51625971 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                       - protein search, using sw model
                                                                                                                                                                                                                                                                               0.5
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81
1 ARRAKAARRAKA 18
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Gapop 10.0 , Gapext
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Maximum DB seq length: 200000000
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Match Length D
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Perfect score:
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                                                                           OM protein
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                                                                                                                                                                                                                             Sequence:
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28 42.5 52.5 156 4 US-09-252-99 30 42 51.9 26 2 US-08-994-33 31 42 51.9 26 3 US-09-352-99 32 42 51.9 157 4 US-09-252-99 34 42 51.9 306 4 US-09-252-99 35 42 51.9 306 4 US-09-252-99 36 42 51.9 506 4 US-09-252-99 37 42 51.9 506 4 US-09-252-99 38 41.5 51.9 564 4 US-09-252-99 44 15.0 6 14 US-09-252-99 41 50.6 16 4 US-09-252-99 42 51.9 656 4 US-09-252-99 43 41 50.6 16 4 US-09-252-99 44 50.6 16 4 US-09-252-99 45 51.9 50.6 16 4 US-09-252-99 46 50.6 16 4 US-09-252-99 47 50.6 16 4 US-09-99-00-69 48 50.6 16 4 US-09-99-00-69 49 50.6 16 4 US-09-99-00-69 40 50.6 16 4 US-09-99-00-69 41 50.6 29 1 US-08-99-00-69 42 51.9 6 24 3 US-08-99-00-69 43 41 50.6 29 1 US-08-99-00-69 45 50.6 10 US-09-252-99 46 50.6 10 US-09-252-99 47 50.6 10 US-09-252-99 48 50.6 10 US-09-252-99 49 50.6 10 US-09-252-99 40 50.6 10 US-09-252-99 41 50.6 10 US-09-252-99 42 50.6 10 US-09-29 43 50.6 10 US-09-29 44 150.6 10 US-09-29 45 50.6 10 US-09-29 46 10 US-09-252-99 47 50.6 10 US-09-29 48 10 US-09-252-99 49 10 US-09-252-99 40 10 US-09-252-99 40 10 US-09-252-99 41 50.6 10 US-09-252-99 42 10 US-09-252-99 43 10 US-09-252-99 44 150.6 10 US-09-252-99 45 10 US-09-252-99 46 10 US-09-252-99 47 10 US-09-252-99 48 10 US-09-252-99 49 10 US-09-252-99 40 U
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Length 38;
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APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James G.
TITLE OF INVENTION: NOVEE PEPTIDES FOR
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WITCOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESSE:
ADDRESSE: Benita J. Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: Suite 1525
CITY: Detroit Detroit Country: Detroit Ditted States of America
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J:
RESISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-060548-00233
TELECHONE: 313-965-1951
INFORMATION FOR SEQ ID NO: 17:
SEGUENCE CHARACTERISTICS:
ILENGTH: 38 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              58.0%; Score 47; DB 2; 73.7%; Pred. No. 1.5;
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
ATTORNEY/AGENT INFORMATION:
NAME: ROME, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 7WK-1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ARRA-KAARRA-KAARRAK 17
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Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 5919761
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: N/A MOLECULE TYPE: p. ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
US-08-436-703B-17
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APPLICANT: Marc J. Rubenfield et al.
APPLICANTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ASRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PLING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 844
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                                                                                                          Query Match 63.0%; Score 51; DB 4; Length 907; Best Local Similarity 58.8%; Pred. No. 8.1; Matches 10; Conservative 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ouery Match 59.3%; Score 48; DB 4; Length 844; Best Local Similarity 61.1%; Pred. No. 20; Matches 11; Conservative 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HEPARIN AND LOW MOLECULAR WEIGHT HEPARIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 17, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITLLE OF INVENTION: NOVEL PEPTIDES FOR
TITLE OF INVENTION: WEIGHT HEPARIN
ITLLE OF INVENTION: WAITCOAGULATION REVERS
ITLLE OF INVENTION: ANTICOAGULATION REVERS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSES: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-252-991A-27184
; Sequence 27184, Application US/09252991A
; Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Michigan COUNTRY: United States of America
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-27184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              95 ARRARSERSAASRRAR 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZİP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Mich.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-436-703B-17
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Gaps

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MS-08-937-058-4
Sequence 4, Application US/08837058
Sequence 4, Application Sequence 5
APPLICANT: Braun, Jonathan
APPLICANT: Braun, Jonathan
APPLICANT: Braun, Jonathan R.
APPLICANT: Braun, Jonathan R.
APPLICANT: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Histone HI
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSE: Campbell & Flores LLP
Compress Campbell & Flores LLP
Compress Campbell & Flores LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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56.8%; Score 46; DB 3; Length 218;
Best Local Similarity 50.0%; Pred. No. 10;
Matches 9; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Peptide

| COCATION: 1..218 | COCATION: 1..218 | COCATION: 1..218 | COTER INFORMATION: | Note = "product = Human Histone | COTER INFORMATION: H1-S-4" | US-09-041-889-4
        COMPUTER: PAIRE.

COMPUTER: PAIRE.

COMPUTER: PLOPDY disk

COMPUTER: PROPERIAL FORDY

COMPUTER: PAIRE.

COMPUTER: PAIRE.

COMPUTER: PAIRE.

COMPUTER: PAIRE.

SOFTWARE: PATENTIN POLDOS/MS-DOS

SOFTWARE: PATENTIN DATA:

APPLICATION NUMBER: US/09/041,889

FILING DATE:

CLASSIFICATION: DATA:

APPLICATION NUMBER: US/08/041,889

FILING DATE:

TING DATE: 11-APR-1997

ATTORNEY/AGENT INFORMATION:

NAMM: Campbell, Cathryn A.

REGISTRATION NUMBER: P-PM 3006

FELENCOMMUNICATION INFORMATION:

TELEBERAX: (619) 535-9001

TELEBERAX: (619) 535-8001

TELEBERAX: (619) 535-8001

TELEGERA SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids

TOPOLOGY: Inhear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 2438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |::||: ::||: ||
166 AKKAKSPKKAKAAKPKKA 183
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PLOP C COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: PATENTIN Release #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ARRAKAARRAKAKA 18
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CITY: San Diego
STATE: California
COUNTRY: USA
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Patent No. 6033864
CENERAL INFORMATION:
PAPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                           5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     58.0%; Score 47; DB 3; Length 346; 64.3%; Pred. No. 12;
                                                                                                                                                                                                                                                                                                                                                                                                          Length 39;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Famodu Layo O.
APPLICANT: Orozco, Buddy
APPLICANT: Orozco, Buddy
TITLE OF INVENTION: Plant Aminoacyl-tRNA Synthetase
FILE REFERENCE: BB-1191
CURRENT APPLICATION NUMBER: US/09/352,990
CURRENT FILING DATE: 1999-07-14
EARLIER APPLICATION NUMBER: 60/092,866
BARLIER FILING DATE: July 15, 1998
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Microsoft Office 97
LENGTH: 346
                                                                                                                                                                                                                                                                                                                                                                                                        Score 47; DB 2;
Pred. No. 1.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Mismatches
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US-09-352-990-23
Sequence 23, Application US/09352990
; Retent No. 6255090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT; ORGANISM: Drosophila melanogaster
US-09-352-990-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 ARRA-KAARRA-KAARRAK 17
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TELEPHONE: 313-965-1976
TELEFAK, 313-965-1951
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 73.7%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5 KAARRAKAARRAKA 18
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12 KGAKKAKAKAKA 25
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Matches 9; Conservative
                                                                                                   39 amino acids
                                                                                                                      TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                    ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
ITTLE: N/A
US-08-436-703B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 San Diego
California
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US-09-041-889-4
                                                                                                   LENGTH:
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TREATM
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Sequence 16820, Application US/09252991A

Sequence 16820, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
APPLICANT:
MAC J. RUBenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR PLING DATE: 1998-02-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 228, Application US/09056556
Patent No. 6350456
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Reid, Yasir A.W.
APPLICANT: Dillon, Davin C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND NUMBER OF SEQUENCES: 241
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            14;
                                             ö
Similarity 50.0%; Pred. No. 10; 9; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ch 56.8%; Score 46; DB 4; Length 338; 1 Similarity 43.3%; Pred. No. 16; 0; Indels 13; Conservative 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/056,556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            193 RRAEAARRAGSRADPRAAPAVARRAARRAR 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 RRAKAARRA------KAARRAK 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/ACENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.457
TELECOMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JMBER: US/09/056,556
07-APR-1998
                                                                                                                      TYPE: PRT ORGANISM: Pseudomonas aeruginosa
                                                                                           1 ARRAKAARRAKA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 6300 ColuCITY: Seattle STATE: Washington COUNTRY: USA ZIP: 98104-7092
              Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 13; Conserv
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    Query Match
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55.6%; Score 45; DB 4
58.8%; Pred. No. 6.4;
tive 3; Mismatches
                                                                                          Sequence 228, Application US/09072967 Patent No. 6592877
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TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 228:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 RRAKAARRAKAARRAKA 18
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Best Local Similarity 58.8 Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein US-09-072-967-228
                                                                     US-09-072-967-228
                                                                                                                                                                                                                                                                       ô
                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 12
US-09-072-596-223
US-09-072-596-223
Sequence 223, Application US/09072596
Patent No. 6458366
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Dead, Steven G.
APPLICANT: Houghton, Davin C.
APPLICANT: Houghton, Raymond
APPLICANT: Wardick, Thomis S.
APPLICANT: Wardick, Daniel R.
APPLICANT: Lodes, Michael J.
APPLICANT: Hondrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF TON NUMBER OF SEQUENCES: 350
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                55.6%; Score 45; DB 4; Length 92; 58.8%; Pred. No. 6.4;
                                                                                                                                                                                                                      DB 4; Length 92;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PatentIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,596
CLASSIFICATION:
ATTONEY/AGENT INFORMATION:
NAME: Maki, David 13,392
REGISTRATION NUMBER: 31,392
REGISTRATION NUMBER: 210121.417C9
TELEPHONE: (206) 622-4900
TELEFAX: (206) 622-4900
TELEFAX: (206) 622-6031
INFORMATION FOR EQLID NO: 223:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
TENTER: AMINO acids
TENTER: AMINO acids
                                                                                                                                                                                                                    Query Match
55.6%; Score 45; DB 4
Best Local Similarity 58.8%; Pred. No. 6.4;
Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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                                                                                                                                                                                                                                                                                                                      2 RRAKAARRAKAARRAKA 18
                                                                                                                                                                                                                                                                                                                                                                     30 ORAPALEKAAAARRARA 46
                                           LENGTH: 92 amino acids
TYPE: amino acid
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-056-556-228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 58.8
Matches 10; Conservative
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
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METHODS FOR IMMUNOTHERAPY OF TUBERCULOSIS DB 4; Length 92; 4; Indels APPLICANT: Reed, Steven G.
APPLICANT: Reed, Steven G.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Dillon, Davin C.
APPLICANT: Campos-Neto, Antonio
APPLICANT: Campos-Neto, Antonio
APPLICANT: Wedython, Raymond
APPLICANT: Wedython, Raymond
APPLICANT: Headrick, Thomas S.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Hendrickson, Romaid C.
ITILE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNITIES OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNITIES OF SEQUENCES: 355
CORRESPONDENCE ADDRESS:
ADDRESSES: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTY: USA COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATE:

APPLICATION NUMBER: US/09/072,967

FILING DATE: 05-MAY-1998

ATTORNEY/AGENT INFORMATION:

NAME: MAX, DAYId J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.411C9

TELECOMMUNICATION INFORMATION:

TREATME

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| Patent No. 6458366
| GENERAL INFORMATION: APPLICANT: Reed, Steven G. APPLICANT: Skeiky, Vasir A.W. APPLICANT: Skeiky, Davin C. APPLICANT: Campos.Neto, Antonia APPLICANT: Houghton, Raymond APPLICANT: Houghton, Raymond APPLICANT: Wardzik, Daniel R. APPLICANT: Indes Michael J. APPLICANT: Lodes, Michael J. APPLICANT: Lodes, Michael J. APPLICANT: Lodes, Michael J. APPLICANT: Lodes, Michael J. APPLICANT: APPLICANT
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55.6%; Score 45; DB 4; Length 160;
Best Local Similarity 58.8%; Pred. No. 11;
Matches 10; Conservative 3; Mismatches 4; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,596
FILING DATE: 05-MAY-1998
                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC comparatible
COMPUTER: PER PC comparatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/056,556
FILING DATE: 07-APR-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.457
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 622-6931
INFORMATION FOR SEQ ID NO: 235:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORREY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 RRAKAARRAKAARAKA 18
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MOLECULE TYPE: protein
US-09-056-556-235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
Washington
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STRANDEDNESS: sir
                                                                                 98104-7092
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                                           COUNTRY:
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August 17, 2004, 16:06:45 ; Search time 28.3812 Seconds (without alignments) 199.100 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/PCT_NEW PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/PCT_NEW PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/NS06_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
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| cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
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| cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1292805 segs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                             - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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length: 2000000000
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                                                                                                                                                                                                                                                                                                                         Title:
Perfect score:
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Maximum DB seq
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 185672,	Sequence 70601, A	Sequence 127, App	Sequence 5198, Ap	Sequence 43614, A	Sequence 108, App	Sequence 148131,	Sequence 12462, A	Sequence 12370, A	Sequence 23, Appl	Sequence 57956, A	Sequence 2, Appli	Sequence 32, Appl	Sequence 8, Appli	Sequence 7, Appli
SUMMARIES	QI	US-10-437-963-185672	US-10-425-114-70601	US-09-771-161A-127	US-09-815-242-5198	US-10-282-122A-43614	US-10-127-032-108	US-10-437-963-148131	US-10-156-761-12462	US-10-156-761-12370	US-09-846-589A-23	US-10-425-114-57956	US-09-888-721-2	US-09-888-721-32	US-10-240-430-8	US-10-240-430-7
	DB	16	12	σ	σ	12	14	16	14	14	10	12	σ	σ	16	16
	Query Match Length DB	60 60	200	243	840	840	840	106	138	272	346	411	26	26	55	99
ф	Query	60.5	59.3	59.3	59.3	59.3	59.3	58.0	58.0	58.0	58.0	58.0	56.8	56.8	56.8	56.8
	Score	49	48	48	48	48	48	47	47	47	47	47	46	46	46	46
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Sequence 2, Appli			a)			Sequence 154235,							Sequence 235, App	Sequence 21, Appl		Sequence 190954,		Sequence 2, Appli				Sequence 13, Appl		Sequence 153634,	Sequence 109300,	Sequence 65935, A			ednence
US-10-262-209-2	US-10-240-430	US-10-229-567-	US-10-262-209-	US-10-240-430-	9-738-626-412	US-10-437-963-15423	US-10-437-963-15	US-10-193-002-22	US-10-08	US-10-080-170-33	US-10-080-170-33	US-10-193-002-23	US-10-084-843-23	US-10-004-717-2	US-10-437-963-1	US-10-437-963-190	US-10-437-963-1871	US-09-905-691-2	US-10-437-963-145	US-10-437-96	1-771-383-12	US-09-770-834-1	US-10-717-13	US-10-437-963-153	US-10-437-963-10	US-10-425-114-65	US-10-437-963-19	US-10-437-963-15	US-10-424-599-22
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130	130	218	234	234	276	1455	1609	92	92	105	105	160	160	213	258	289	454	19	87	110	139	139	139	140	153	434	1043	1276	81
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16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	ტ ზ	40	41		43		45

ALIGNMENTS

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RESULT INCOMMATION:
US-10-477-563-185672

| Sequence 185672, Application US/10437963
| Sequence 185672, Application NG/10437963
| Sequence 185672, Application NG/103343A1
| GENERAL INFORMATION:
| APPLICAMT: Laboral Lowid K. APPLICAMT: Application NG/1040123343A1
| APPLICAMT: Applicam Lowid K. APPLICAMT: Applicam Lowid K. APPLICAMT: Boukharov, Andrey A. APPLICAMT: Boukharov, Palants and Uses Thereof for Plant Improvement TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement CURRENT FILE REFERENCE: 38-1(53221)B | CURRENT FILE REFERENCE: 38-1(53221)B | CURRENT FILE REFERENCE: State of the COMMISSION CONTINUED FRACTION (1). (8) | Mission Conservative 3; Indels 9; In
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Sequence 70601, Application US/10425114

Sublication No. US20040034888A1

GENERAL INFORMATION:

APPLICANT: Liu, Uingdong

APPLICANT: Liu, Uingdong

APPLICANT: Liu, Uingdong

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Tabaska, Jack E

APPLICANT: TILE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REPRENCE: 38-21(5313)B

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 70601

LENGTH: 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , OTHER INFORMATION: Clone ID: LIB3689-234-E7_FLI.pep
US-10-425-114-70601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TILLE OF INVENTION: VARIANTS OF PROTEIN KINASES
TILLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REPERENCE: 800260-2006.1
FURNENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-01-28
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PACENTIN VERSION 3.0
SEQ ID NO 127
LENGTH: 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 127, Application US/09771161A Patent No. US20020110811A1 GENERAL INFORMATION:
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11 ARAAEAARAAEAAKAAEA 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 66.73
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
US-09-771-161A-127
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -09-771-161A-127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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Sequence 5198, Application US/09815242 Patent No. US20020061569A1

RESULT 4 US-09-815-242-5198

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APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPERRORS: ELITAA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .
0
                                                             APPLICANT: Wall, baniel
APPLICANT: Traick, John D.
APPLICANT: Traick, John D.
APPLICANT: Yamanoto, Robert T.
APPLICANT: Yamanoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: Prokaryotes
TITLE OF INVENTION: DATE: 2001-03-21
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT APPLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-24
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR SEQ ID NOS: 14110
SEQ ID NO S: 14110
SEQ ID NO S: 14110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 840;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 59.3%; Score 48; DB 9;
Best Local Similarity 61.1%; Pred. No. 76;
Matches 11; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 43614, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/191, 078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) ORGANISM: Pseudomonas aeruginosa
US-09-815-242-5198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ||:|:| |||||: | |
135 ARKAEEAARAKAAQEAAA 152
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Ohlsen, Kari L.
Zyskind, Judith W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
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Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                  Wall, Daniel
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US-10-282-122A-43614
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APPLICANT: Li, Ping,
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRENCE: 38-21 (53221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
LENGTH: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
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Best Local Similarity 58.8%; Pred. No. 15;
Matches 10; Conservative 3; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ISHIKAWA, JUNA
APPLICANT: ISHIKAWA, JUNA
APPLICANT: SHIBA, TADAXOSHI
APPLICANT: SHIBA, TADAXOSHI
APPLICANT: SAKAKI, YOSHIVUKI
APPLICANT: SAKAKI, YOSHIVUKI
APPLICANT: BATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REPERBNCE: 249-26
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT APPLICATION NUMBER: US/2001-204089
PRIOR PLING DATE: 2001-05-30
PRIOR PLING DATE: 2001-06-02
PRIOR PLING DATE: 2001-06-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 12462
LENGTH: 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-156-761-12462
; Sequence 12462, Application US/10156761
; Publication No. US20030119018A1
; APPLICANT: OWURA, SATOSHI
; APPLICANT: IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-156-761-12370
; Sequence 12370, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
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                                                                         Boukharov, Andrey A.
Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 RRAKAARRAKA 18
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  Zhou, Yihua
Cao, Yongwei
Wu, Wei
                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
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PRIOR FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR FILING DATE: 2000-11-27

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-09

PRIOR FILING DATE: 2001-02-06

PRIOR FILING DATE: 2001-02-16

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 78614
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Sequence 100, Application US/10127032

Publication No. US2003013742A1

GENERAL INFORMATION:

APPLICANT: Whiteley, Marvin

APPLICANT: Bangera, M. Gren

APPLICANT: LOTY, Stephen

APPLICANT: LOTY, Stephen

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF

TITLE OF INVENTION: METHODS AND COMPOSITIONS

TITLE OF INVENTION: BIOFILM FORMATION

TITLE OF INVENTION: BOOFILM FORMATION

CURRENT APPLICATION NUMBER: US/0/27,032

CURRENT FILING DATE: 2002-04-19

PRIOR FILING DATE: 2001-04-19

PRIOR FILING DATE: 2001-04-19

PRIOR FILING DATE: 2001-04-19

PRIOR FILING DATE: 2001-04-19

PRIOR FILING DATE: 2001-04-16

SOFTWARE: FASESEQ FOR WINDOWS VERSION 4.0

SOFTWARE: FASESEQ FOR WINDOWS VERSION 4.0

LEWACH+: PAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 48; DB 12; Length 840;
Pred, No. 76;
3; Mismatches 4; Indels
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; Publication No. US20040123343A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 840
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
18-10-127-032-108
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|135 ARKAEEAARAKAAQEAAA 152
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ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 ARRAKAARRAKAARAKA 18
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Best Local Similarity 61.1%;
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11; Conservative
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US-10-437-963-148131
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LENGTH: 840
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US-10-127-032-108
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Gaps

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Sequence 32, Application US/0988721
Fatent No. US20020132990A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Huston, James S.
APPLICANT: Autorin, James S.
APPLICANT: Lautent, Olivier
APPLICANT: Lautent, Olivier
APPLICANT: Benerat, Daniel
TITLE OF INVENTION: BENERATE VENGENERED VEHICLES FOR TARGETED NUCLBIC ACID
TITLE OF INVENTION: DELIVERY
FILE REFERENCE: 23611-A USA
CURRENT FILING DATE: 2001-06-25
CURRENT FILING DATE: 2000-06-23
PRIOR FILING DATE: 2000-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Huston, James S.
APPLICANT: Huston, James S.
APPLICANT: Wils, Pierre
APPLICANT: Wils, Pierre
APPLICANT: Zhu, Quan
APPLICANT: Januent, Olivier
APPLICANT: Scherman, Daniel
TITLE OF INVENTION: BIOENGINERRED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: DELIVERY
FILE REFERENCE: 23611-A USA
CURRENT APPLICATION NUMBER: US/99/888,721
PRIOR APPLICATION NUMBER: 60/213,653
PRIOR FILING DATE: 2000-06-25
PRIOR FILING DATE: 2000-06-23
                                                                                                                                                                                                                                                                                              DB 12; Length 411; 53;
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                                                                                                                                                                                                            , OTHER INFORMATION: Clone ID: UC-ZMFLMO17297F06_FLI.pep
US-10-425-114-57956
                                                                                                                                                                                                                                                                                                                                                  Mismatches
        CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 57956
LENGTH: 411
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Patent No. US20020132990A1
GENERAL INFORMATION:
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1 AKKAKSPKKAKAAKPKKA 18
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SOFWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 26
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Best Local Similarity 50.0
Matches 9, Conservative
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US-09-888-721-2
                                                                                                                                        TYPE: PRT
ORGANISM: Zea mays
FEATURE:
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US-09-888-721-2
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TITLE OF INVENTION: Waleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 23. Application US/09846589A
Fublication No. US20030166241A1
GENERAL INFORMATION:
APPLICANT: Famedu, Layo O.
APPLICANT: Pamedu, Layo O.
APPLICANT: Pamedu, Layo O.
APPLICANT: Raflaki, antoni
TITLE OF INVENTION: Plant Annoacyl-tRNA Synthetase
FILE REFERENCE: B8-1191
CURRENT APPLICATION NUMBER: US/09/646,589A
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 60/092,866
PRIOR FILING DATE: July 15, 1998
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Microsoft Office 97
APPLICANT: HORIKAWA, HIROSHI
APPLICANT: SAKAXI, YOSHIYUKI
APPLICANT: SAKAXI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNCLEOTIDES
TIER EMPERANCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-56-29
PRIOR PPLICATION NUMBER: JP 2001-204089
PRIOR PLING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: JP 2001-272697
PRIOR APPLICATION NUMBER: JP 2001-272697
NUMBER: OF SEQ ID NOS: 15109
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Publication No. US2004003488A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Yinda
APPLICANT: Shou, Yinda
APPLICANT: Soreen, Serven
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
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LENGTH: 346
TYPE: PRT
ORGANISM: Drosophila melanogaster
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12 KGAKKAKAAKKAKA 25
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Best Local Similarity 64.3<sup>3</sup>
Matches 9; Conservative
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LENGTH: 272
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APPLICANT:
APPLICANT:
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; Sequence 8, Application US/10240430
; Publication No. US20040110928A1
; GENERAL INFORMATION:
    APPLICANT: Crisanti, Andrea
    APPLICANT: Esseghir, Selma
    TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
    TILE REPERENCE: G125-6402
    CURRENT APPLICATION NUMBER: US/10/240,430
    CURRENT APPLICATION NUMBER: PCT/GB01/01697
    PRIOR APPLICATION NUMBER: PCT/GB01/01697
    PRIOR PILING DATE: 2001-04-12
    PRIOR PILING DATE: 2001-02-02
    PRIOR PILING DATE: 2001-02-02
    PRIOR PILING DATE: 2000-04-12
    NUMBER OF SEQ ID NOS: 14
    SOFTWARE: Patentin version 3.1
    SEQ ID NOS: 14
    SEQ ID NOS: 14
    SEQ ID NOS: 14
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Sequence 7, Application US/10240430
Publication No. US20040110928A1
GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: Esseghir, Selma
TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REFERENCE: G2D-6402
CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT APPLICATION NUMBER: PCT/GB01/01697
PRIOR APPLICATION NUMBER: PCT/GB01/01697
PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR PILING DATE: 2001-04-12
PRIOR PLING DATE: 2000-04-12
PRIOR PLING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NOS: 14
SEQ I
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                                                                                                                                                                                                                                                                                                                                                          Query Match 56.8%; Score 46; DB 9; Length 26; Best Local Similarity 50.0%; Pred. No. 5.2; Matches 9; Conservative 6; Mismatches 3; Indels
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| AKKAKSPKKAKAAKPKKA 29
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1 AKKAKSPKKAKAAKPKKA 18
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NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 32
LENGTH: 26
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ORGANISM: Homo sapiens
                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-888-721-32
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Sequence 8, Appli Sequence 32258, A Sequence 18035, A Sequence 24160, A Sequence 29124, A Sequence 29124, A Sequence 27821, A Sequence 26049, A Sequence 27821, A Sequence 27821, A Sequence 2619, A Sequence 2619, A Sequence 2619, A Sequence 2619, A Sequence 2610, A

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US-09-252-991A-27801
US-09-252-991A-27801
US-09-252-991A-24160
US-09-252-991A-24160
US-09-252-991A-24124
US-09-252-991A-241390
US-09-252-991A-241390
US-09-252-991A-26149
US-09-252-991A-26149
US-09-252-991A-27821
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US-09-252-991A-25817
US-09-252-991A-25817
US-09-252-991A-25817
US-09-252-991A-25817
US-09-252-991A-25817
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 17, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION
APPLICANT: Makefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: HEPARIN AND LOW MOLECULAR
ITILE OF INVENTION: HEPARIN AND LOW MOLECULAR
ITILE OF INVENTION: HEPARIN AND LOW MOLECULAR
ITILE OF INVENTION: METGHT HEPARIN
ITILE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita B.
STREET: 6601 Woodward Avenue
STREET: Suite 1525
CITY: Detroit
STREET: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
SOFTWARE: MOST DEAT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY.1995
CLASSIFICATION DATA:
APPLICATION NUMBER: N/A
RILING DATE: N/A
ATTORNEY AGENT INFORMATION:
NAME: ROIM, Benita J.
REGISTRATION NUMBER: 28 664
REFERENCE/DOCKET NUMBER: 70%7-060548-00233
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-965-1976
INFORMATION FOR SEG ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: ALTORNEY NA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
US-08-436-703B-17
7, Appli
33108, A
20436, A
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1, Appli
27, Appl
27, Appl
17011, A
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25474, A
20849, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 17, Appl
Sequence 5, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9, Appli
                                                                                                                    August 17, 2004, 15:50:03; Search time 11.9406 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/GA_COMB.pep:*
/cgn2_6/ptodata/2/iaa/RB_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                  GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
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US-09-252-991A-29568

US-09-252-991A-29968

US-09-252-991A-2380

US-09-252-991A-2370

US-09-252-991A-2470

US-09-252-991A-2476

US-09-252-991A-2476

US-09-252-991A-2476

US-09-252-991A-2476

US-09-252-991A-2019

US-09-252-991A-2018

US-09-252-991A-2018

US-09-252-991A-2018

US-09-252-991A-2018

US-09-252-991A-2018

US-09-252-991A-2018

US-09-252-991A-2018

US-08-252-991A-2018

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S-09-252-991A-31916
S-09-252-991A-25474
S-09-252-991A-20849
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US-09-252-991A-17011
US-09-252-991A-17230
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                                                                                                                                                                                                                                                                                                                389414 segs, 51625971 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                     - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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seg length: 200000000
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108
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Match Length DB
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Perfect score:
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Maximum DB
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No.
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERGIGINOSA FOR DIAGNOSTICS AND THERAPEUTICS CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 25541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDCMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 163;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60.2%; Score 65; DB 4; Length 308; 60.9%; Pred. No. 0.2; tive 4; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 62.0%; Score 67; DB 4;
Best Local Similarity 62.1%; Pred. No. 0.062;
Matches 18; Conservative 1; Mismatches
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                                                  5 AARRARRARRARRARRARRA 30
                                                                                                                         RESULT 3
US-09-222-991A-22541
; Sequence 25541, Application US/09252991A
; Datent No. 6551795
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 29958, Application US/09252991A, Patent No. 6551795
GENERAL INFORMATION:
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'Sequence 24636, Application US/09252991A

'Patent No. 6551795

'GRNERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 RRRAARAARRAARAARA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 163
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 60.3%
Best Local 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-252-991A-25541
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                                                                                                                      Ouery Match
Best Local Similarity 73.1%; Pred. No. 0.0068;
Matches 19; Conservative 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7WK-060548-00233
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MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"

COMPUTER: ELOPPY disk 1.44Mb, 3.5"

SOFTWARE: MordPerfect 6;

SOFTWARE: WordPerfect 6;

SOFTWARE: MordPerfect 6;

SOFTWARE: ACII (DOS)Text

CUASSIFICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: NA

FILING DATE: NA

ATTORNEY/AGNT INFORMATION:

NAME: ROJESTRATION NUMBER: 28,664

REGISTRATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 313.955-1976
                                                                                                                                                                                                                             1 ARRRAARAAR -- RRAARAARRAARA 24
                                                                                                                                                                                                                                                                          s aarkarkaakrakrakrakraarra 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Michigan
: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Benita J, Rohm, Esq. 6601 Woodward Avenue
Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5, Application US/08436703B Patent No. 5919761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: S:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 73.1%;
Matches 19; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 39 amino acids
; PUBLICATION INFORMATION:
; AUTHORS: N/A
; TITLE: N/A
US-08-436-703B-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: N/A
ORGANISM: N/A
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: N/A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
STREET: 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Det
STATE: Mi
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                      RESULT 2
US-08-436-703B-5
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Sequence 23276, Application US/09252991A

Sequence 23276, Application US/09252991A

Sequence 23276, Application US/09252991A

Settent No. 6551795

GENERAL INFORMATION:
MINCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: WICLEIC ACID AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE REFERENCE: 107196.138

CURRENT PILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-07-27

SEQ ID NOS: 33142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: MAIC J. Rubenfield et al.
APPLICANT: MAIC J. Rubenfield et al.
TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEGO ID NO 24776
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                                                                                                                                                                                                                                                                   7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 57.4%; Score 62; DB 4;
Best Local Similarity 60.9%; Pred. No. 0.23;
Matches 14; Conservative 2; Mismatches
                                                                                                                                                                                   Score 63; DB 4; Pred. No. 0.49; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 24776, Application US/09252991A Patent No. 6551795
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                                                                                                                                                                                                                                                                                                                                   2 RERAARRAARRAARRAAR 23
                                                                                                                                                                                                                                                                                                                                                                                                            44 RRKAARLPARRAARRAARRRR 65
       ; LENGTH: 435
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24702
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Pseudomonas aeruginosa
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                                                                                                                                                                                          58.3%;
68.2%;
                                                                                                                                                                               Query Match
Best Local Similarity 68.2%
Matches 15, Conservative
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US-09-252-991A-24776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-252-991A-23276
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Pagente C. 6551795

Barent No. 6551795

GRNERAL INFORMATION:

GRNERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION:

AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION:

TITLE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 107196-136

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR PILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 24702
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS FILER DEPERBENCE: 107196.118.

FILER REFERENCE: 107196.118.

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 24636

LENGTH: 1374
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 63; DB 4; Length 133;
Pred. No. 0.16;
2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -----AARRRAAR 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      49 RRRAARRSRRAARPVAAHPAGASARARASR 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 24702, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                106 AARRAARRAGRRAARRLRRRGRAA 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 ARRRAARAARRAARAARA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Pseudomonas aeruginosa
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US-09-252-991A-23880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 53.1%;
Matches 17; Conservative
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US-09-252-991A-23880
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CTHER INFORMATION: Description of Artificial Sequence:branched-chain; CTHER INFORMATION: heparin-binding peptide Arg Helix #5
US-09-166-930A-7
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54.6%; Score 59; DB 3; Length 21;
Best Local Similarity 82.4%; Pred. No. 0.088;
Matches 14; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 21;
                                    COUNTRY: United States
STREET: P.O. Box 1404
COUNTRY: United States
Z1213-1404
COMPUTER SEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIN Release #1.0, Version #1.30
SOFTWARE: PatentIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,592
FILING DATE: 11-JUN-1996
CLASSIFICATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 006338-001
TELEPHONE: (703) 836-620
TELEPHONE: (703) 836-620
TELEPHONE: (703) 836-2021
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INC. 8200.9

GENERAL INCRIVATION:

APPLICANT: HARRIS, Robert B.

APPLICANT: SOBEL,

TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES:

FILE REFERENCE: 006338-006

CURRENT APPLICATION NUMBER: US/09/166,930A

CURRENT FILING DATE: 1996-10-06

PRIOR FILING DATE: 1996-06-11

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 54.6%; Score 59; DB 2; Best Local Similarity 82.4%; Pred. No. 0.088; Matches 14; Conservative 0; Mismatches
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Patent No. 6200955
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5 ARRAAARAARRAARRA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 21 amino acids
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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TOPOLOGY: lin
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                                                                                                              Sequence 32484, Application US/09252991A

Facquence 32484, Application US/09252991A

Facquence 32484, Application US/09252991A

Facquence 32484, Application US/09252991A

APPLICANT: Marc J.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 107196.136

CURRENT APPLICATION WUMBER: US 60/074,788

PRIOR APPLICATION WUMBER: US 60/074,788

PRIOR APPLICATION WUMBER: US 60/094,190

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 262
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US-09-252-991A-32190
US-09-252-991A-32190

Sequence 32190, Application US/09252991A

Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AEROGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AEROGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT FILING DATE: 107196.136
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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Patent No. 5877153
GENERAL INFORMATION:
APPLICANT: AAPLICANT: SOBEL, Michael
TITLE OF INVENTION: NOVEL HEPARIN BINDING PEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
56.0%; Score 60.5; DB 4;
Best Local Similarity 57.1%; Pred. No. 0.61;
Matches 16; Conservative 2; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       102 RRAARASQRAAGOGAAAGARGARRCAR 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 RRAARAARRA-----ARAARRAAR 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        189 RGRAARRVRPRSARASRRPARRS 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 RRRAARAARRAARRAARA 24
58 RRAARRSPLRARAARATRRARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-32190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-32484
                                                                               RESULT 10
US-09-252-991A-32484
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LENGTH: 231
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US-08-660-592-9
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RESULT 15

US-09-252-991A-20436

US-09-252-991A-20436

Sequence 20436, Application US/09252991A

Patent No. 6521795

GENERAL INFORMATION:

APPLICANT MARC J. RUbenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 20436

LENGTH: 407
RESULT 14

US-09-252-91A-33108

i Sequence 33108, Application US/09252991A

patent No. 6521795

GENERAL INFORMATION:
APPLICANTON: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 33108

LENGTH: 464
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Best Local Similarity 69.2%; Pred. No. 1.6;
Matches 18; Conservative 1; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

54.6%; Score 59; DB 4; Length 464;

Best Local Similarity 62.5%; Pred. No. 1.6;

Matches 15; Conservative 0; Mismatches 9; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-20436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-33108
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Search completed: August 17, 2004, 16:14:42 Job time : 12.9406 secs

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August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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1: \cgn2_6\ptodata/1\pubpaa/US07_PUBCOMB.pep:*

2: \cgn2_6\ptodata/1\pubpaa/PCT_BW PUB.pep:*

3: \cgn2_6\ptodata/1\pubpaa/SCT_BW PUB.pep:*

4: \cgn2_6\ptodata/1\pubpaa/US06_NEW PUB.pep:*

5: \cgn2_6\ptodata/1\pubpaa/US06_NEW PUB.pep:*

5: \cgn2_6\ptodata/1\pubpaa/US07_NEW PUB.pep:*

6: \cgn2_6\ptodata/1\pubpaa/US08_NEW PUB.pep:*

7: \cgn2_6\ptodata/1\pubpaa/US08_NEW PUB.pep:*

8: \cgn2_6\ptodata/1\pubpaa/US08_NEW PUB.pep:*

9: \cgn2_6\ptodata/1\pubpaa/US08_NEW PUB.pep:*

10: \cgn2_6\ptodata/1\pubpaa/US09_NEW PUB.pep:*

11: \cgn2_6\ptodata/1\pubpaa/US09_NEW PUB.pep:*

11: \cgn2_6\ptodata/1\pubpaa/US09_NEW PUB.pep:*

13: \cgn2_6\ptodata/1\pubpaa/US09_NEW PUB.pep:*

14: \cgn2_6\ptodata/1\pubpaa/US09_NEW PUB.pep:*

15: \cgn2_6\ptodata/1\pubpaa/US09_NEW PUB.pep:*

16: \cgn2_6\ptodata/1\pubpaa/US00_NEW PUB.pep:*

17: \cgn2_6\ptodata/1\pubpaa/US00_NEW PUB.pep:*

18: \cgn2_6\ptodata/1\pubpaa/US00_NEW PUB.pep:*

18: \cgn2_6\ptodata/1\pubpaa/US00_NEW PUB.pep:*

18: \cgn2_6\ptodata/1\pubpaa/US00_NEW PUB.pep:*

18: \cgn2_6\ptodata/1\pubpaa/US00_NEW PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               1292805 seqs, 313927144 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                        OM protein - protein search, using sw model
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 152005,	Sequence 193381,	Sequence 33, Appl	Sequence 269191,	Sequence 194621,	Sequence 102676,	Seguence 126398,	Seguence 185856,	Seguence 242653,	Sequence 148098,	Sequence 47317, A	Sequence 56515, A	Sequence 69952, A	Sequence 37076, A	Sequence 174159,
	ID	US-10-437-963-152005	US-10-437-963-193381	US-10-226-007-33	US-10-424-599-269191	US-10-437-963-194621	US-10-437-963-102676	US-10-437-963-126398	US-10-437-963-185856	US-10-424-599-242653	US-10-437-963-148098	US-10-425-114-47317	US-10-425-114-56515	US-10-425-114-69952	US-10-425-114-37076	US-10-437-963-174159
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	Query Match Length DB	827	926	206	84	1469	143	159	423	850	210	258	276	281	636	171
ф	Query Match	61.1	59.3	58.3	57.4	57.4	56.5	56.5	56.5	56.5	55.6	55.6	55.6	55.6	55.6	55.1
	Score	99	64	63	62	62	61	61	61	61	9	9	09	09	9	59.5
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-10-437-963-18491 -10-408-765A-2448 -10-084-846A-6	-10-437-963-14266 -10-437-963-18246 -10-437-963-15785	-10-437-963-17568 -10-437-963-14782 -10-425-114-71059	-10-437-963-17021 -10-437-963-16896 -10-282-122A-5051	-10-282-122A-5000 -10-437-963-13180 -10-437-963-15307	-10-437-963-14778 -10-437-963-19610 -10-192-832-70	-10-437-963-14021 -10-437-963-17104 -10-437-963-14969	-10-437-963-18802 -10-437-963-11872 -10-104-047-3565	668-59 761-772
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1 59 54,6 1056 16 US-10-408-765A-2448 Sequence 5,448, M 2 58 53.7 122 16 US-10-408-763-18468 Sequence 6,489, M 3 53.7 936 16 US-10-437-963-18268 Sequence 142668, 5 57.5 53.2 135 16 US-10-437-963-185788 Sequence 185678, 5 57.5 53.2 135 16 US-10-437-963-18578 Sequence 125678, 5 57.8 209 16 US-10-437-963-18578 Sequence 125678, 5 52.8 210 16 US-10-437-963-18578 Sequence 175682, 8 57 52.8 236 12 US-10-437-963-175682 Sequence 170212, 9 57 52.8 234 16 US-10-437-963-17021 Sequence 170212, 1 57 52.8 434 16 US-10-437-963-16960 Sequence 170212, 1 57 52.8 105-10-437-963-16960 Sequence 170212, 1 57 52.8 105-10-437-963-16960 Sequence 170212, 1 57 52.8 105-10-437-963-16960 Sequence 170212,	9 54,6 1043 16 US-10-437-963-184911 Sequence 184911, 0 59 54,6 1043 16 US-10-437-963-184911 Sequence 184911, 0 59 54,6 1065 16 US-10-408-765A-2448 Sequence 5,449, 0 1 59 54,6 1965 15 US-10-0408-765A-2448 Sequence 6,449, 0 1 52 16 US-10-437-963-18268 Sequence 182465, 0 1 52 15 16 US-10-437-963-18268 Sequence 182465, 0 1 57.5 53.2 135 16 US-10-437-963-18788 Sequence 187888 Sequence 187888 Sequence 187888 Sequence 187888 Sequence 187888 Sequence 187888 Sequence 187889 Sequence	9 59 4.6 1043 16 US-10-408-7595-184911 Sequence 2446 0 59 54.6 1056 16 US-10-408-46A-6 Sequence 2446 2 58 53.7 122 16 US-10-084-86A-6 Sequence 1422 3 58 53.7 122 16 US-10-437-963-182465 Sequence 1422 3 53.2 89 16 US-10-437-963-182465 Sequence 1422 5 53.2 135 16 US-10-437-963-182465 Sequence 1572 5 53.2 135 16 US-10-437-963-182465 Sequence 1572 6 US-10-437-963-12678 Sequence 1726 Sequence 1726 Sequence 1726 7 52.8 236 12 US-10-437-963-17682 Sequence 1706 9 57 52.8 236 12 US-10-437-963-17031 Sequence 1706 10 57 52.8 434 16 US-10-437-963-16960 Sequence 505 2 52.8 53 <th>9 59 4.6 1043 16 US-10-408-758-2184911 Sequence 1845 1 59 54.6 1056 16 US-10-408-46A-6 Sequence 24.4 2 58 53.7 122 16 US-10-437-963-18268 Sequence 1428 3 58 53.7 16 US-10-437-963-18246 Sequence 1428 4 57.5 53.2 89 16 US-10-437-963-18246 Sequence 1572 5 53.2 135 16 US-10-437-963-18268 Sequence 1573 5 57.5 52.8 210 16 US-10-437-963-18267 Sequence 1256 6 57 52.8 210 16 US-10-437-963-18268 Sequence 1256 6 57 52.8 210 16 US-10-437-963-18269 Sequence 1256 7 52.8 236 10 US-10-437-963-18269 Sequence 1706 8 57 52.8 434 16 US-10-437-963-18269 Sequence 1706 9<!--</th--><th>9 59 54.6 1043 16 US-10-437-963-184911 Sequence 1845 1 59 54.6 1056 16 US-10-408-765A-2448 Sequence 248 2 53 4.6 1962 16 US-10-437-963-18491 Sequence 6.42 3 53.7 122 16 US-10-437-963-18488 Sequence 6.42 5 53.2 89 16 US-10-437-963-18488 Sequence 1782 5 53.2 135 16 US-10-437-963-18488 Sequence 1782 6 57.5 53.2 135 16 US-10-437-963-15682 Sequence 1786 6 57 52.8 210 16 US-10-437-963-15682 Sequence 1705 9 57 52.8 236 1 US-10-437-963-17050 Sequence 1705 9 57 52.8 434 16 US-10-437-963-170212 Sequence 1702 1 52.8 53 12 US-10-437-963-16021 Sequence 1702 2 52.</th></th>	9 59 4.6 1043 16 US-10-408-758-2184911 Sequence 1845 1 59 54.6 1056 16 US-10-408-46A-6 Sequence 24.4 2 58 53.7 122 16 US-10-437-963-18268 Sequence 1428 3 58 53.7 16 US-10-437-963-18246 Sequence 1428 4 57.5 53.2 89 16 US-10-437-963-18246 Sequence 1572 5 53.2 135 16 US-10-437-963-18268 Sequence 1573 5 57.5 52.8 210 16 US-10-437-963-18267 Sequence 1256 6 57 52.8 210 16 US-10-437-963-18268 Sequence 1256 6 57 52.8 210 16 US-10-437-963-18269 Sequence 1256 7 52.8 236 10 US-10-437-963-18269 Sequence 1706 8 57 52.8 434 16 US-10-437-963-18269 Sequence 1706 9 </th <th>9 59 54.6 1043 16 US-10-437-963-184911 Sequence 1845 1 59 54.6 1056 16 US-10-408-765A-2448 Sequence 248 2 53 4.6 1962 16 US-10-437-963-18491 Sequence 6.42 3 53.7 122 16 US-10-437-963-18488 Sequence 6.42 5 53.2 89 16 US-10-437-963-18488 Sequence 1782 5 53.2 135 16 US-10-437-963-18488 Sequence 1782 6 57.5 53.2 135 16 US-10-437-963-15682 Sequence 1786 6 57 52.8 210 16 US-10-437-963-15682 Sequence 1705 9 57 52.8 236 1 US-10-437-963-17050 Sequence 1705 9 57 52.8 434 16 US-10-437-963-170212 Sequence 1702 1 52.8 53 12 US-10-437-963-16021 Sequence 1702 2 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ALIGNMENTS

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WS-10-437-963-152005

WS-10-437-963-152005

Sequence 152005, Application US/10437963

Fublication No. US20040123343A1

Fublication No. US20040123343A1

Fublication No. US20040123343A1

Fublication No. US200401233A3A1

APPLICANT: Rosa, Thomas J.

APPLICANT: Cao, Yongwei

APPLICANT: Bunkharov, Andrey A.

APPLICANT: Barbazuk, Brad

APPLICANT: Barbazuk, Brad

APPLICANT: Barbazuk, Brad

APPLICANT: Barbazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(5321)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 152005

LENGTH: 827
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; CTHER INFORMATION: Clone ID: PAT_MRT4530_52099C.1.pep
US-10-437-963-152005
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ORGANISM: Oryza sativa
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RESULT 2 US-10-437-963-193381

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; Sequence 102676, Application US/10437963; Publication No. US20040123343A1
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Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Glycine max
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                                                                   APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Bukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 2003-05-14
NUMBER: OF SEQ ID NOS: 204966
SEQ ID NO 193381
LENGTH: 226
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APPLICANT: Worham, Scott
APPLICANT: Borbam, Scott
APPLICANT: Abden, Adrian
APPLICANT: Hobden, Adrian
TITLE OF INVENTION: Compositions and Therapeutic Methods for Viral Infection
FILE REPERBNCE: 5005.01
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: US 60/313,883
PRIOR PILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 1673
SOFTWARE: Patentin version 3.1
SEQ ID NO 33
LENGTH: 206
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US-10-437-963-193381
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OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
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58.3%; Score 63; DB 1
Best Local Similarity 66.7%; Pred. No. 2.8;
Matches 14; Conservative 3; Mismatches
Sequence 193381, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
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GENERAL INFORMATION: APPLICANT: Myriad Genetics, Inc.; APPLICANT: Morham, Scott
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 ARREAARARREAARAARRA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-226-007-33
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APPLICANT: Cao, Youghton, Applicant: Wa, Wei, Applicant: Wa, Wei, Wei, Applicant: Boukharov, Andrey A.
APPLICANT: Buckharov, Andrey A.
APPLICANT: Brad Brad
APPLICANT: Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE OF INVENTION: 19-21 (55.221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 194621
LENGTH: 1469
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: LA ROSA Thomas J
APPLICANT: LA ROSA Thomas J
APPLICANT: CAO VANAIC DAVIG K
APPLICANT: COO YONGWEI
TITLE OF INVENTION: SOY Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223) B
CURRENT APPLICANT NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 269191
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57.4%; Score 62; DB 16; Length 1469;
Best Local Similarity 65.2%; Pred. No. 20;
Matches 15; Conservative 0; Mismatches 8; Indels
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US-10-437-963-194621
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: PAT_MRT3847_850C.1.pep
US-10-424-599-269191
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NAME/KEY: unsure
LOCATION: (1)..(84)
OTHER INFORMATION: unsure at all Xaa locations
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 194621, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Wu, Wai
APPLICANT: Wu, Wai
APPLICANT: Wu, Wai
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
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Sequence 185856, Application US/10437963

Sequence 185856, Application US/10437963

Publication No. US2004012334341

GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: APPLICANT: Avair, Wai
APPLICANT: APPLICANT: Avair, Wai
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov
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APPLICANT: LE Rosa Thomas J
APPLICANT: APPLICANT: AND VIDA
APPLICANT: AND VIDA
APPLICANT: AND VIDA
APPLICANT: AND VIDA
APPLICANT: CAO YONGWEI
TITLE OF INVENTION: SOY Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERROCE: 38-21(53223) B
FILE REPERROCE: 38-21(53223) B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
ENGINE SEQ ID NOS: 285684
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US-10-437-963-185856
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US-10-424-599-242653
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ORGANISM: Glycine max
FRATURE:
NAME/KPS: unsure
LOCATION: (1)..(850)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: unsure
LOCATION: (1)..(423)
OTHER INFORMATION: unsure at all Xaa locations
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Sequence 242653, Application US/10424599

; Publication No. US20040031072A1

; GENERAL INFORMATION:
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ORGANISM: Oryza sativa
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; Publication No. US20040123343A1
; Publication No. US20040123343A1
; Publication No. US20040123343A1
; Publication No. US20040123343A1
; General Invormation: David K.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
ITILE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
ITILE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
ITILE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules
ITILE OF INVENTION: Rice Nucleic Acid Molecules Associated With
ITILE OF INVENTION: Rice Nucleic Acid Molecules Associated With
ITILE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 126398
LINGTH: 159
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Royal, Thomas J.
APPLICANT: Stoul, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Brabazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NOS: 204966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , OTHER INFORMATION: Clone ID: PAT_MRT4530_100176C.1.pep
US-10-437-963-102676
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US-10-437-963-126398
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NAME/KEY: unsure
LOCATION: (1)..(143)
LOCATION: (1)..(143)
FEATURE:
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Oryza sativa
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US-10-437-963-126398
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US-10-425-114-69952
US-10-425-114-69952
Sequence 69952, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: APPLICANT: About Withus
APPLICANT: APPLICANT: Acvalic, David K.
APPLICANT: APPLICANT: Acvalic, David K.
TAPLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5313) B
CURRENT FILING DATE: 2003-04-28
CURRENT PILING DATE: 2003-04-28
SEQ ID NO 69952
LEANTH: 281
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cao, Yongwei TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53313)8
CURRENT REPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
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Pred. No. 7.9;
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, OTHER INFORMATION: Clone ID: UC-ZMROTEOSINTE070B10_FLI.pep

US-10-425-114-69952
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US-10-425-114-56515
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                                                                                                                                                          Sequence 56515, Application US/10425114
Publication No. US2004003488A1
GENERAL INPORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Capaska, Jack E
APPLICANT: Cao, Yongwei
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117 RRESERBERRAASSARTETE 138
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 62.5%;
Matches 15; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 14
US-10-425-114-37076
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LENGTH: 276
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APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
LENGTH: 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Clone ID: PAT_MRT4530_48563C.1.pep US-10-437-963-148098
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OTHER INFORMATION: unsure at all Xaa locations
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US-10-425-114-47317
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                                                                                                                                Sequence 148098, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
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ORGANISM: Oryza sativa
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ORGANISM: Zea mays
FEATURE:
                                                                  RESULT 10
US-10-437-963-148098
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; Sequence 174159, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Exvalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Too, Yongwei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                       APPLICANT: Zhou, Yihua Zhavid X. APPLICANT: Zhou, Yihua Zhavid X. APPLICANT: Kovalic, David X. APPLICANT: Kovalic, David X. APPLICANT: Screen, Seeven E APPLICANT: Tabaska, Jack E APPLICANT: Tabaska, Jack E APPLICANT: Tabaska, Jack E TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement TITLE OF INVENTION: DATE: 38-21[33:313] B CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT APPLICATION NUMBER: US/10/426
SEQ ID NO 37076
LENGTH: 636
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NAME/KEY: unsure

LOCATION: (1). (171)

OTHER INFORMATION: unsure at all Xaa locations

FEATURE:

PRATURE:

OTHER INFORMATION: Clone ID: PAT_MRT4530_72127C.1.pep
US-10-437-963-174159
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; OTHER INFORMATION: Clone ID: 700073158_FLI.pep

US-10-425-114-37076
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Sequence 37076, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
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ORGANISM: Oryza sativa
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ORGANISM: Zea mays
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US-10-437-963-174159
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Sequence 29581, Application US/09252991A

Patent No. 6551795
GRUBEAL INDORMATION:
TAPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: MURBER: US/09/252,991A
TITLE OF INVENTION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29581
LENGTH: 407
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APPLICANT: Chavy, Offer
APPLICANT: Chavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Use Lipp
STREET: 4370 La Jolla Village Drive, Suite 700
STREET: 4370 La Jolla VILLAGE
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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Sequence
Sequence
Sequence
Sequence
Sequence
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Sequence
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                  US-09-041-889-41

US-09-041-889-40

US-09-041-889-40

US-09-041-264-40

US-09-041-264-32

US-09-405-743A-5

US-09-405-743A-6

US-08-152-488-12

US-08-152-488-12

US-08-133-058-14

US-08-31-058-13

US-08-417-264-3

US-08-417-264-3

US-08-421-730A-29

US-08-421-730A-29

US-08-421-730A-29

US-08-421-730A-29

US-08-421-730A-29

US-08-421-730A-29

US-08-421-730A-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AKAAKKRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 27, Application US/09041889; Patent No. 6033864; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Pseudomonas aeruginosa
   \begin{array}{c} 2.22 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.72 \\ 7.
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Score 64; DB 1; Length 29;
Pred. No. 0.043;
                                                                                                                                                    Query Match 61.1%; Score 66; DB Best Local Similarity 66.7%; Pred. No. 0.16 Matches 16; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                          108 ASAAKKVAKKAPAKKATKAAKKAA 131
                                                                                                                                                                                                                                             1 AKAAKKRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Benita J, Rohm, Esq. STREET: 512 Springfield Avenue CITY: Cranford ATATE: New Jersey COUNTRY: United States of America ZIP: 07016-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                     : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             29 amino acids
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          908-276-5543
                                                                               MOLECULE TYPE: peptide US-09-417-264-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: N/
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Best Local Similarity
                                           TYPE: ami
TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                           RESULT 4
US-08-152-488-10
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Parent No. 6537768
GENERAL INFORMATION:
PAPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
TITLE OF INVENTION: Microbial UC pANCA antigens
CORRESPONDENCES: 41
CORRESPONDENCES: 42
CORRESPONDENCES: A170 La Jola Village Drive, Suite 700
CITT: San Diego
STATE: California
COUNTRY: USA
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
AURION DATA:
AURICATION UMBER: US/09/041, 889
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 61.1%; Score 66; DB 3; Best Local Similarity 66.7%; Pred. No. 0.16; Matches 16; Conservative 1; Mismatches
                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION UNDER:
APPLICATION UNDER:
FILING DATE: 11-APP-1997
ATTORNEY AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-PM 3006
TELECPHONE: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 anning acids
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APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION UNMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                108 ASAAKKVAKKAPAKKATKAAKKAA 131
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TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-09-041-889-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION:
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US-09-417-264-27
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Length 214;
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Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
ITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
ITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OFFRATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROAM: Benita J.
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: 28,664
REGISTRATION NUMBER: RM-7WG
TELEDROWEN TO NUMBER: RM-7WG
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Query Match 59.3%; Score 64; DB 1; Length 29; Best Local Similarity 65.4%; Pred. No. 0.043; Matches 17; Conservative 2; Mismatches 5; Indels
Sequence 10, Application US/08303025

Patent No. 5614494

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL

WUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, ESG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 11, Application US/08303025
Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
CORRESPONDENCE AND SUITE 2500
CITY: Detroit
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STRTE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REPERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEDROMINATIONINGER: 313-996-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 AKKAAKKAAKKAKKAAKKAA 27
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US-08-303-025-10
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ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: pept
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                   Gaps
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                   Indels
                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Makefield, Thomas W. APPLICANT: Andrews, Philip C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN ANTICOAGULATION REVERSAL.
NUMBER OF SEQUENCES: 13 CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq.
STREET: Sl2 Springfield Avenue
CITY: Cranford Springfield Avenue
CITY: Cranford Springfield Avenue
CITY: United States of America
STREET: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYTEM: MS-DOS
SOFTWARE: NordPerfect 6; ASCII (DOS) Text
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REGISTRATION NUMBER: 28,664
REFISCOMMUNICATION NUMBER: 28,664
REFISCOMMUNICATION NUMBER: 28,746
RESERRANCE/DOCKET NUMBER: RM-74G
TELLECOMMUNICATION NUMBER: 28,664
REFISCOMMUNICATION NUMBER: 28,664
REFISCOMMUNICATION NUMBER: 28,746
RESECOMMUNICATION NUMBER: 28,664
REFISCOMMUNICATION NUMBER: 28,664
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                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 AKAAKKRAAKAAK - - KRAAKAAKKRA 24
                                                                                                                         2 AKKAAKKAAKKAAKKAAKKAA 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; PUBLICATION:
) DOCUMBNT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-152-488-11
                                                                                                                                                                                                                                              Sequence 11, Application US/08152488 Patent No. 5534619 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 908-276-3344
TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                   17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
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Best Local Similarity
Matches 17; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      N/A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE: N/A
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US-08-303-025-10
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                   Matches
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Gaps

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59.3%; Score 64; DB 1; Length 29; 65.4%; Pred. No. 0.043;
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Patent No. 5721212
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEME: MS-DOS v.6.22
SOFTWARE: WORDFERFOR (6.1; ASCII (DOS)TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
PRICR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita 4)
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSES: Bentta J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford States of America
STATE: New Jersey
COUNTRY: United States of America
ZIP: 0.7016-181
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
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FILING DATE: 14-AUG-1993
US-08-303-025-13
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Best Local Similarity 65.4%
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    N/A
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US-08-677-304-10
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Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TILLE OF INVENTION: NOVEL DEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                            CITY: Detroit
STATE: Michigan
COUNTY: Detroit
STATE: Michigan
CONDITY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM FC COMPATIBLE
COMPUTER: IBM FC COMPATIBLE
COMPUTER: Wordperfect 6.1; ASCII (DOS) Text
SOFTWARE: Wordperfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION NUMBER: FCT/US92/06829
FILING DATE: 14-A016-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGBNT INFORMATION:
NAME: Rohm, Benita J.
TELEPHONE: 313-466-7622
TELEPHONE: 313-466-7622
                                                                    E: Benita J, Rohm, Esq.
150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Benita J, Rohm, Esq.
150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 AKAAKKRAAKAAK--KRAAKAAKKRA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                  NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: N/A PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: N/
                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 8
US-08-303-025-13
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Gaps

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
APPLICANT: Stalley, James N.
APPLICANT: Stalley, James C.
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WAITCOAGULATION REVERSAL
CORRESSER: Benita J. Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: 801 Woodward Avenue
STREET: 8026
COMPUTER: 18M PC Compatible
COMPUTER: 18M PC Compatible
COMPUTER: 18M PC Compatible
COMPUTER: Wordderfect 6;
SOFTWARE: Wordderfect 6;
SOFTWARE: Accit (DOS) Taxt
CURRENT APPLICATION NUMBER: US/08/416,703B
FILING DATE: WAA
ATTORNEY/AGENT INFORMATION:
NAME: ROAM: Benita J.
REGISTRATION NUMBER: 704
REGISTRATION NUMBER: 706
RE
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                                                                                  INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
ITYPE: amino acid
STRANDEDNESS: No. 5721212 Releva
                                                                                                                                                                                                                                                                                                                                                                                                                                            AUTHORS: N/A

IIILE: N/A

PUBLICATION INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069

FILLING DATE: 14-AUG-1993
US-08-677-304-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/08436703B Patent No. 5919761 GENERAL INFORMATION:
                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION:
AUTHORNATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX:
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Sequence 11, Application US/08677304
Patent No. 5721212
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ITILE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 512 Springfield Avenue
CITY: Cranford
STATE: New Jersey
COMPUTRY: United States of America
STATE: New Jersey
COMPUTRY: United States of America
SIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: New Jersey
COMPUTER: PROPABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: New Jersey
COMPUTER: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION NUMBER: US/08/677,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match , 59.3%; Score 64; DB 1;
Best Local Similarity 65.4%; Pred. No. 0.043;
Matches 17; Conservative 2; Mismatches
                 FILING DATE: 12-NOV-1993
APPLICATION NUMBER: 12-NOV-1993
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, Benita J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: 28,664
REPRENCE/DOCKET NUMBER: RM-7WG
TELEPONE: 908-276-3344
TELEPAN: 908-276-5543
INFORMATION FOR SEG ID NO: 5EQUENCE CHARACTERISTICS: LENGTH: 29 amino acids
TYPE: amino acid STANDEDNESS: No. 5721212 Relevant TOPOLOGY: No. 5721212 Relevant MULECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILLING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILLING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAMME: ROIM, BENILA J.
REGISTRATION NUMBER: 28,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 AKAAKKRAAKAAK--KRAAKARA 24
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US/08/152,488
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FILING DATE: 14-AUG-1993
US-08-677-304-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
PUBLICATION INFORMATION:
APPLICATION NUMBER:
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                                                      Query Match 59.3%; Score 64; DB 2; Length 29; Best Local Similarity 65.4%; Pred. No. 0.043; Matches 17; Conservative 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                          Sequence 13, Application US/08152488
Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: Standard J, Rohm, Esq.
CITY: Cranford
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Cranford STATES New Jersey COUNTRY: United States of America ZIP: New Jersey COUNTRY: United States of America ZIP: 07016-1811 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM FC compatible OPERATING SYSTEM: MS-DOS SOFTWARE: WordPerfect 6; ASCII (DOS)Text STRING MORTE: 12-NOV-1993 FILING DATE: 12-NOV-1993 FILING DATE: 12-NOV-1993 FILING DATE: 12-NOV-1993 FILING DATE: 12-NOV-1993
                                                                                                                                             1 AKAAKKRAAKAAK - KRAAKAAKKRA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNAY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RM-7WG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: RM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: N/A
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US-08-436-703B-15
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                                                                                                                                                                                                                                              Length 29;
                                                                                                                                                                                                                                                                                          5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28,664
ER: 7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTY 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: WordPerfect 6;
SOFTWARE: WordPerfect 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATE:
FILING DATE: 08-MAY-1995
                                                                                                                                                                                                                                                                                                                                 1 AKAAKKRAAKAAK - - KRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                     2 AKKAAKKAKKAKKAKKAK 27
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08-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Benita J, Rohm, Esq. STREET: 6601 Woodward Avenue STREET: Suite 1525 CITY. Detroit STATE: Michigan COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: ROAM, BENILE J.
REGISTRATION NUMBER: 28,664
REPERENCE/DOCKET NUMBER: 7WK-TELECOMMUNICATION:
TELEPHONE: 313-965-1976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
TITLE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 3
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US-08-436-703B-3
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2 AKKAAKKAAKKAAKKAAKKAA 27
                                                                                                                                                                                                                                                                                                                                                        1 AKAAKKRAAKAAK - KRAAKAAKKRA 24
                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
TOPOLGGY: No. 5721212 Relevant
OLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                    AUTHORS: N/A

TITLE: N/A

PUBLICATION INFORMATION:

DOCUMENT NUMBER: PCT/US92/08069

FILING DATE: 14-AUG-1993
US-08-677-304-13
                                                                                                                                                                                                                                                                      ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                           MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                         à
                                                                                                                                                                                                                                                                                                                                                                         59.3%; Score 64; DB 1; Length 32; 65.4%; Pred. No. 0.048; tive 2; Mismatches 5; Indels
                                2 AKKAAKKAAKKAAKKAAKKAA 27
                                                                                                                                                                                                                                                                                                                                           TITLE: N/A
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 65.4<sup>†</sup>
Matches 17, Conservative
                                                                                                                                                                                                                                                                                                                        ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide ORIGINAL SOURCE:
                              US-08-303-025-15
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Query Match 59.3%; Score 64; DB 1; Length 32; Best Local Similarity 65.4%; Pred. No. 0.048; Matches 17; Conservative 2; Mismatches 5; Indels
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2 AKKAAKKAKKAKKAAKKAKAA 27

Sequence 13, Application US/08677304 Patent No. 5721212 GENERAL INFORMATION: APPLICANT: Wakefield, Thomas W.

US-08-677-304-13

1 AKAAKKRAAKAAK--KRAAKAAKKRA 24

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August 17, 2004, 16:06:45 ; Search time 37.8416 Seconds (without alignments) 199.100 Million cell updates/sec
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1. /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2. /cgn2_6/ptodata/1/pubpaa/PCT_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO0_NEW PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                            US-09-496-391-56
108
1 AKAAKKRAAKKRAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                               BLOSUM62
Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                               Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Database:
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                                                                                               Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 68109, A Sequence 120, App Sequence 120, App Sequence 53742, A Sequence 55748, A Sequence 55748, A Sequence 62547, A Sequence 62547, A Sequence 27, Appl Sequence 36, Appl Description US-10-282-122A-68109 US-10-282-122A-66237 US-10-122A-122A-6237 US-10-282-122A-53742 US-10-282-122A-5962 US-10-282-122A-6962 US-10-282-122A-62547 US-10-282-122A-62547 US-10-282-122A-62547 US-10-393-449-86 US-10-393-449-86 US-10-177-725-86 US-10-177-725-86 US-10-177-725-86 SUMMARIES Length DB Query Match 1 Result

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ρ,	5	ċ	>	7	- 0.9 - 8.2 0 - 84.3 A - 24	ednence 74,
19		ь С	61	12	-10-424-599-18	equence 1857
20		ď.	67	12	-10-393-449-5	equence 54,
21		'n.	67	12	-10-393-449-1	equence 104,
22		ъ.	67	14	-10-177-725-5	equence 54,
23	9	55.6	63	14	725	e 104,
24		'n.	75	12	-10-393-449-5	equence 53,
25		'n	75	12	-10-393-449-1	equence 103,
26		'n.	75	14	-10-177-725-5	equence 53,
27		'n,	75	14	-10-177-725-1	103,
28		'n	83	12	-10-393-449-5	equence 52,
29		'n.	83	12	-10-393-449-1	equence 102,
30		'n	83	14	-10-177-725-5	equence 52,
31		'n	83	14	-10-177-725-1	equence 102,
32		'n.	91	12	-10-393-449-5	equence 51,
33		'n.	91	12	-10-393-449-1	equence 101,
34		ď.	91	14	-10-177-725-5	51,
35		ŝ	91	14	-10-177-725-1	equence 101,
36		ŝ	0	12	-10-393-449-4	equence 47,
3.7		Š.	104	12	-10-393-449-9	equence 97,
38		Š.	0	14	-10-177-725-4	equence 47,
8		5	0	14	-10-177-725-9	equence 97,
40		5	0	12	-10-393-449-4	43,
41		Š.	0	12	-10-393-449-9	93,
42		ď.	0	14	-10-177-725-4	equence 43,
43		ď.	0	14	-10-177-725-9	
44		ď.	0	15	-10-393-449-4	equence 44,
45		ŝ	0	12	-10-393-449-4	e 4.
					ALIGNMENTS	
RESULT 1 US-10-283	SULT 1 -10-282-122A-68109	58109				

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GRENEAL INCORMATION:

APPLICANT: Gamudio, Carlos
APPLICANT: Gamudio, Carlos
APPLICANT: Mando, Carlos
APPLICANT: Mascheck, Robert
APPLICANT: Mascheck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Trawick, John
APPLICANT: Fandmoto, Robert
APPLICANT: Foresth, R.
APPLICANT: Foresth, R.
APPLICANT: MUNER: 60/191,078
FRIOR APPLICATION NUMBER: 60/207,727
FRIOR PAPLICATION NUMBER: 60/207,727
FRIOR PAPLICATION NUMBER: 60/203,347
FRIOR APPLICATION NUMBER: 60/203,347
FRIOR PILING DATE: 2000-10-23
FRIOR PILING DATE: 2000-110-23
FRIOR FILING DATE: 2000-110-23
3-10-282-122A-68109
Sequence 68109, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
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15; Conservative
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Trawick,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-282-122A-53742
                                                                                                                                                                                                                                         RESULT 3
US-10-127-032-120
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
   Matches
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-09-06
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-10-23
PRIOR PLING DATE: 2000-12-22
PRIOR PLING DATE: 2000-12-22
PRIOR PLING DATE: 2000-12-22
PRIOR PLING DATE: 2000-12-22
PRIOR PLING DATE: 2001-02-06
PRIOR PLING DATE: 2001-02-16
PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 68109
LENGTH: 372
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Pred. No. 0.36;
                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 65.7%; Score 71; DB 12; Length 372; Best Local Similarity 62.5%; Pred. No. 0.29; Matches 15; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 66237, Application US/10282122A ; Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 AKAAKKRAAKAAKKRAAKKRA 24
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62.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Pseudomonas putida
US-10-282-122A-68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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; ORGANISM: Pseudor
US-10-282-122A-66237
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                                                                                                                                                                                                 Sequence 120, Application US/10127032

Sequence 120, Application US/10127032

Publication No. US20030113742A1

GENERAL INFORMATION:

APPLICANT: Whiteley, Marvin

APPLICANT: Bangera, M Gita

APPLICANT: Greenberg, Everett Peter

TITLE OF INVENTION: BIOFILM FORMATION

FILE REFERENCE: UIZ-070CP

CURRENT APPLICATION NUMBER: US/10/127,032

CURRENT PLING DATE: 2002-04-19

FRIOR APPLICATION NUMBER: US 60/285,190

    Gaps
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     Indels
        6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 53742, Application US/10282122A
Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Mandy Lidangsu
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Obleen, Kari
APPLICANT: Obleen, Kari
APPLICANT: Obleen, Kari
APPLICANT: Zystind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |: |||:||: |||:||: |||:|
168 AEDAKKKAAEDAKKKAAEEAKKKA 191
                                                                                                         168 АЕDAKKKAAEDAKKKAAEEAKKKA 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AKAAKKRAAKKRAAKKRA 24
                                                          1 AKAAKKRAAKAAKKRA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Daniel
ck, John
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; TYPE: PRT
; ORGANISM: Pseudomonas syringae
US-10-282-122A-69962
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Best Local Similarity 66.7<sup>3</sup>
Matches 16; Conservative
                 LENGTH: 336
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PRIOR APPLICATION NUMBER: 60/242,578

PRIOR PILING DATE: 2000-10-23

PRIOR PELICATION NUMBER: 60/253,625

PRIOR PELICATION NUMBER: 60/257,931

PRIOR PLING DATE: 2000-112-22

PRIOR PLING DATE: 2001-12-22

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 201-02-16

PRIOR PLING DATE: 201-02-16

PRIOR PLING DATE: 201-02-16

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 78614

SOFTWARE: PATENTIN Version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Yearsyth, R.
APPLICANT: Xu, H.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      THILE REPERENCE: LITTRA, 034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR FILING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-05-07

PRIOR PLING DATE: 2000-05-09

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2001-12-22

PRIOR PLING DATE: 2001-12-22

PRIOR PLING DATE: 2001-12-22

PRIOR PLING DATE: 2001-02-09

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Cornyebacterium diptheriae
US-10-282-122A-53742
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wang, Llangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Oblisen, Kari
APPLICANT: Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 73.9
Matches 17; Conservative
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PRIOR PEDILCATION NUMBER: 60/191,078
PRIOR PELING DATE: 2000-03-21
PRIOR PELING DATE: 2000-03-23
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-22
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2001-02-09
PRIOR PELING DATE: 2001-02-05
PRIOR PELING DATE: 2001-02-05
PRIOR PELING DATE: 2001-02-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Trawick, John
APPLICANT: Garr, Grant
APPLICANT: Garr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Xu, H.
APPLICANT: Xu, H.
TITUE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPRENCE: ELITRA.034A
CURRENT APPLICATION UNMER: 105/10/282,122A
                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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   Length 336;
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Score 68; DB 12;
Pred. No. 0.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63.0%; Score 68; DB 66.7%; Pred. No. 0.77 tive 3; Mismatches
                                                             5; Mismatches
                                                                                                                                                                                                                                                                                                                                                    Sequence 55748, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                           163 AEBAKKQAADEAKKKAAEDAKKKA 186
                                                                                                                             1 AKAAKKRAAKKRAAKKRA 24
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Query Match
Best Local Similarity 62.5%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Oblsen, Kari
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Trawick
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TYPE: PRT ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Mycobacterium bovis
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Carr, Grant
Yamamuto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wall, Daniel
Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Zyskind,
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TILLE REPERENCE ELITRA.034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT APPLICATION NUMBER: US/10/282,122A

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR PLILING DATE: 2000-03-21

PRIOR PLILING DATE: 2000-05-23

PRIOR PLILING DATE: 2000-05-26

PRIOR PLILING DATE: 2000-05-26

PRIOR PLILING DATE: 2000-05-26

PRIOR PLILING DATE: 2000-05-66

PRIOR PLILING DATE: 2000-05-66

PRIOR PLILING DATE: 2000-05-67

PRIOR PLILING DATE: 2000-05-67

PRIOR PLILING DATE: 2000-09-06

PRIOR PLILING DATE: 2000-09-09

PRIOR PLILING DATE: 2000-09-03

PRIOR PLILING DATE: 2000-09-03

PRIOR PLILING DATE: 2000-09-03

PRIOR PLILING DATE: 2000-09-03
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                                                                                                  APPLICANT: Svendsen, John
APPLICANT: Wikman, Mari
APPLICANT: Svendsen, John
APPLICANT: Soltered, Torese
APPLICANT: Soltered, Torese
APPLICANT: Yang, Nannan
TITLE OF INVENTION: Methods of peptide preparation
FILE REPRENCE: 1181-258
CURRENT APPLICATION NUMBER: US/10/169,613
CURRENT APPLICATION NUMBER: PCT/GB00/03378
PRIOR PILING DATE: 2001-08-31
PRIOR PLING DATE: 2000-03-09
PRIOR FILING DATE: 2000-03-09
PRIOR PPLICATION NUMBER: PCT/GB99/02851
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangeu
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohleen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
; OTHER INFORMATION: antimicrobial peptide
US-10-169-613-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 KAAKKRAAKAAKKRAAKKRA 24
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Sequence 13, Application US/10169613
Publication No. US20030086959A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                       GENERAL INFORMATION:
APPLICANT: Redkdal, Oystein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Trawick, John
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 8
US-10-282-122A-62547
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LENGTH: 21
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WIION: Identification of Essential Genes in Microorganisms
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PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PILING DATE: 2000-12-2
PRIOR PELING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2000-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
LENGTH: 214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Identification of Esser
FILE REPERENCE: ELITRA, 034A
CURRENT APPLICATION WHERE: U5/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 9
US-10-283-122A-64817
US-10-283-122A-64817
Sequence 64817, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/191, 078
PRIOR APPLICATION NUMBER: 60/206, 848
PRIOR PILING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
PRIOR PAPLICATION NUMBER: 60/253,625
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2001-12-20
PRIOR PILING DATE: 2001-12-16
PRIOR FILING DATE: 2001-12-16
PRIOR PILING DATE: 2001-02-16
PRIOR PILING DATE: 2001-02-16
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APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Begenberger, Jakob M.
APPLICANT: Begenberger, Jakob M.
APPLICANT: Peelel, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S:
FILE REFERENCE: RIGL-007CIP3
CURRENT FILING DATE: 2003-03-18
PRIOR APPLICATION NUMBER: US 10/177,725
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR PILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 173
SEQ ID NOS: 173
SEQ ID NO 86
LENGTH: 104
  APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Peele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S
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57.4%; Score 62; DB 12;
Best Local Similarity 65.2%; Pred. No. 1;
Matches 15; Conservative 2; Mismatches 6
                                                                                     CURRENT APPLICATION NUMBER: US/10/393,449
CURRENT APPLICATION NUMBER: US/10/393,449
CURRENT FILING DATE: 2003-03-18
PRIOR APPLICATION NUMBER: US 10/177,725
PRIOR FILING DATE: 1999-10-08
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 36
LENGTRARE: Patentin version 3.1
SEQ ID NO 36
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Publication No. US20030224412A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial sequence
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NAME/KEY: MISC_FEATURE
LOCATION: (37)..(68)
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                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
Ulcerative Colitis, and Clinical Subtypes Thereof, Using
Microbial UC pANCA antigens
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MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: Libe PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/229, 567

FILING DATE: 27-Aug-2002

CLASSIFICATION: CUNKNOWN>

PRIOR APPLICATION NUMBER: US/09/417,264

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US 09/041,889

FILING DATE: CUNKNOWN>

APPLICATION NUMBER: US 09/041,889

FILING DATE: CUNKNOWN>

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-PM 3006

TELECOMMUNICATION INFORMATION:

MANE: CAMPAND NUMBER: P-PM 3006
                                                Length 214;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61.1%; Score 66; DB 14; Length 214; 66.7%; Pred. No. 0.68;
                                                                                              7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                              Score 66; DB
Pred. No. 0.68
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
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                                                                                                                                                                                    108 ASAAKKVAKKAPAKKATKAAKKAA 131
                                                                                                                                     1 AKAAKKRAAKAAKKRAAKKRA 24
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                                                                                                                                                                                                                                                                                               Sequence 27, Application US/10229567 Publication No. US20030092080A1 GENERAL INFORMATION PAPPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 11
US-10-393-449-36
IS-10-393-449-36
September 36. Application US/10393449
Publication No. US20030224412A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (619) 535-900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 214 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (619) 535-8949
                                              Query Match
Best Local Similarity 66.7%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 27
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Best Local Similarity
Matches 16; Conserva
US-10-282-122A-64817
                                                                                                                                                                                                                                                        RESULT 10
US-10-229-567-27
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82 AAAAKKKAAAAAAAAAAAAKKK 104

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Publication US/09988165B

Sequence 7, Application US/09988165B

Publication No. US20030144473A1

GENERAL INFORMATION:

APPLICANT: Symbiotec Gesellschaft zur Erforschung und Entwicklung
APPLICANT: Symbiotec Gesellschaft zur Erforschung und Entwicklung
APPLICANT: Symbiotec Gesellschaft zur Erforschung und Entwicklung
APPLICANT: Bymbiotec Gesellschaft zur Erforschung und Entwicklung
APPLICANT: Symbiotec Gesellschaft zur Erforschung und Entwicklung
APPLICANT: Symbiotec Gesellschaft zur Erforschung und Entwicklung
TITLE OF INVENTION: For the Diagnosis and Therapy of Autoimmune Diseases
FILE REFERENCE: 3642

CURRENT APPLICATION NUMBER: US/09/988,165B

CURRENT APPLICATION NUMBER: US Serial Number 07/946,180

FRIOR FILING DATE: 1992-09-16

NUMBER OF SEQ ID NOS: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match 56.5%; Score 61, DB Best Local Similarity 64.0%; Pred. No. 0.36 Matches 16; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Search completed: August 17, 2004, 17:19:25 Job time : 37.8416 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 KAAKKRAA--KAAKKRAAKARA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: human
                                                RESULT 15
US-09-988-165B-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-988-165B-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 7
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; OTHER INFORMATION: "Xaa" at positions 37-39, 41-43, 45-46, 48-50, 52-53, 55-57, 59-6; OTHER INFORMATION: 1, 63-64 and 66-68 can be any amino acid
                                                                                                                               APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Beele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT: FILE REPERENCE: A-66900-4/RMS/AMS
CURRENT APPLICATION NUMBER: US/10/17,725
CURRENT PILING DATE: 2002-06-20
PRIOR PELICATION NUMBER: US 09/415,765
PRIOR PILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Anderson, David
APPLICANT: Anderson, David
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Beele, Beau R.
TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT:
PILE REFERENCE: A-66900-4/RMS/AMS
CURRENT APPLICATION NUMBER: US10/177,725
CURRENT PILING DATE: 1999-10-08
PRIOR PPLICATION NUMBER: US 09/415,765
PRIOR PPLICATION NUMBER: US 09/169,015
PRIOR FILING DATE: 1999-10-08
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 14; Length 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 62; D
Pred. No. 1;
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                                                Sequence 36, Application US/10177725
Publication No. US20030143562A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 86, Application US/1017725; Publication No. US20030143562A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ch 57.4%;
[1 Similarity 65.2%;
15; Conservative 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
; OTHER INFORMATION: synthetic
US-10-177-725-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 14
US-10-177-725-86
RESULT 13
JS-10-177-725-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 36
LENGTH: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 86
LENGTH: 10
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1 AKAAKKRAAKAAKKRAAKAAKKR 23

2; Gaps

DB 10; Length 27; 0.36; 4; Indels

Title: Perfect score:

Sequence:

OM protein

Run on:

Scoring table:

Minimum DB Maximum DB

Database :

Result

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Sequence 15, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 2, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 6, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 1, Appli
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zhang, Shuguang
APPLICANT: Zhang, Shuguang
APPLICANT: Lockehin, Curtis
APPLICANT: Holmes, Todd
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: STELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: SECURDATES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: TWO MILITIA Drive
CITY: Lexington
STRIET: Massachusetts
                          Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
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Pred. No. 0.53;
1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: Gasachinecus
COUNTRY: U.S.A.

ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,849
FILING DATE:
                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REPERENCE/DOCKET NUMBER: MIT-6008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6740
TELEPHONE: (617) 861-6740
TELEPHONE: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-346-849-16; Sequence 16, Application US/08346849; Patent No. 5670483; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                72.2%;
75.0%;
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TOPOLOGY: ling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0
Matches 12; Conservative
पंचिय प्यंच प्यंच प्यंच प्यंच प्यंच प्रंच प्रं
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Sequence 29581, A
Sequence 4, Appl
Sequence 4, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 16, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 21, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 11, Appl
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Sequence 16, Appl
Sequence 16, Appl
                                                                                                                                                                      August 17, 2004, 15:50:03 ; Search time 7.9604 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
                    GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-346-849-16
US-08-293-264A-16
US-08-293-264A-16
US-08-293-264A-16
US-08-303-0.16
US-08-303-0.16
US-08-303-0.25-16
US-08-303-0.25-14
US-08-303-0.25-14
US-08-417-264-27
US-09-417-264-27
US-09-417-264-23
US-08-837-0.58-23
US-08-837-0.58-23
US-08-837-0.58-10
US-08-152-488-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                             - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                  1 ARKKAAKAARKA 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 seq length: 0
seq length: 200000000
                                                                                                                                                                                                                                                                                          US-09-496-391-6
72
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Match 1
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1 ARKKAAKAARKAAKA 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: protein US-08-898-300-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
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US-09-252-991A-29581
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                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Holmes, Todd
APPLICANT: Zhang, Shuguang
APPLICANT: Rich, Alexander
APPLICANT: DiPersio, C. Michael
APPLICANT: Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THERREFOR
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Patent No. 6548830
GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Holmes, Took
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ALDERSES:
ANDLESSES:
Two militia Drive
CITY: Lexington
STREET: Two militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US/973,326
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David G.
REGISTATION NUMBER: 22,592
REGISTATION NUMBER: 22,592
REGISTATION NUMBER: Z2,592
REGISTATION NUMBER: MIT-6008A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                          RESULT 2
US-08-293-284A-16
Sequence 16, Application US/08293284A,
Patent No. 5955343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-5540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ARKKAAKAARKAAKA 16
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Best Local Similarity 75.0%;
Matches 12; Conservative
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  11 AKKKAAAAKRKAAAKA 26
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US-08-898-300-16
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Sequence 29581, Application US/09252991A

Sequence 255174

Batent No. 6551795

GENERAL INFORMATION:

APPLICANT: MARC J. Rubenfield et al.

APPLICANT: MARC J. Rubenfield et al.

TITLE OF INVENTION:

TITLE OF INVENTION:

FILE REFERENCE: 107196.136

CURRENT FILING DATE: 1999-02-18

FRIOR APPLICATION NUMBER: US/09/252,991A

FRIOR APPLICATION NUMBER: US 60/074,788

FRIOR APPLICATION NUMBER: US 60/094,190

FRIOR PILING DATE: 1998-07-27

WHORE OF SEQ ID NOS: 33142

SEQ ID NO 29581

LENGTH: 407
  SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66.7%; Score 48; DB 4; Length 407; 66.7%; Pred. No. 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 72.2%; Score 52; DB 4; Length 60; Best Local Similarity 75.0%; Pred. No. 0.53; Matches 12; Conservative 1; Mismatches 3; Indels
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PER TITLE OF INVENTION: THEREFOR NUMBER OF SEMDNESS: 64 CORRESPONDENCE 5: 64 CORRESPONDENCE ADDRESS: ADDRESSE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts COUNTRY: U.S.A. ZIP: 02174-1399 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IEM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION: SATE TO COMPUTE 1211100 DATE: 25 JULY 1997
                                                                                                                   B: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,849
FILING DATE: 30 NOVENBER 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REPRENCE/DOCKET NUMBER: MIT
FELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
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Sequence 4, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: HEPARIN AND LOW MOLECULAR
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WIGHT HEPARIN
TITLE OF INVENTION: WILL STATE
CORRESSEE: Benita J. Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: Suite 1525
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7WK-060548-00233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 48226
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMFUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORDFREECT 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION NUMBER: US/08/436,703B
FILING DATE: N-MAY-1995
CLASSIFICATION NUMBER: N/A
ATTORNEY/AGENT INFORMATION:
NAME: RADM, Benita J.
REGISTRATION NUMBER: 7WK-060548-00:
TELEPRANCE/DOCKET NUMBER: 7WK-060548-00:
TELEPRANCE 313-965-1996
TELEPRANCE STATESTICS:
INFORMATION FOR SEG ID NO: 4:
INFORMATION FOR SEG ID NO: 4:
INFORMATION CHARACTERISTICS:
INFORMATION CASE SEGUED
INFORMATION CON 4:
INFORMATION CASE SEGUED NO: 4:
INFORMATION CON 4:
INFORMATI
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2 AAKKAAKKAKKAAKKA 17
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Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: N/
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      N/A
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US-08-436-703B-4
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          Gaps
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          1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                                                                                                                                                                                                                      Sequence 16, Application US/08303025
Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOWLE PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: NOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL
WUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SIREEL: 150 WEST DELICEBON, SUITE 2000
CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
ZIE: 4826-4415
COMPUTER EXADABLE FORM:
MEDIUM TYPE: FIDEDY diskette 3.5" 1.44Mb
COMPUTER: EMP PC compatible
COMPUTER: EMP PC compatible
COMPUTER: EMP PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
SOFTWARE: WordPerfect 6.1; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 14-AGG-1992
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM: Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-00231
TELECPHONE: 313-466-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      65.3%; Score 47; DB 68.8%; Pred. No. 1.5;
      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
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; DOCUMENT NUMBER: PCT/US92/08069

; FILING DATE: 14-AUG-1993

US-08-303-025-16
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223 AKKKAAEDAKKKAAE 237
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                                                                    1 ARKKAAKAARKKAAK 15
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INFORMATION FOR SEQ ID NO: 16
SEQUENCE CHARACTERISTICS:
LENGTH: 33 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: AMINO ACID
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
      10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                               RESULT 5
US-08-303-025-16
      Matches
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APPLICANT: JACOBSON, JAMES W.;STRAUSBERG, ROBERT L.;WILSON, SUNDAIR D.;POPER, SHARON H.;STRAUSBERG, SUSAN L.;RUFF,MICHAEL D.; AUGUSTINE, PATRICIA C.;DANFORTH, HARRY D.

STILLE OF INVENTION: GENETICALLY ENGINEERED COCCIDIOSIS SPORTIZED 21.5 KB ANTIGEN, AC-6B

NUMBER OF SEQUENCES: 11

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/581,693
65.3%; Score 47; DB 2; Length 33; 68.8%; Pred. No. 1.5;
                                                      Indels
                                                      Mismatches
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RESULT 6 US-08-436-703B-4

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63.9%; Score 46; DB 1; Length 29; 66.7%; Pred. No. 1.8; tive 2; Mismatches 3; Indels
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APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
ZIP: 07016-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6, ASCII (DOS)TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIETCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION NUMBER: PCT/US92/08069
FILING APPLICATION NUMBER: RA-TWG
REGISTRATION NUMBER: Z8,664
REFERENCE/DOCKET NUMBER: RM-TWG
TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (DOS) Text
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STATE: Michigan
COUNTRY: United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette 3.5" 1.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DC
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/UB92/08069
IS-08-152-488-12
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Patent No. 5614494
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 908-276-5543
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 66.7
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGIH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: N/A PUBLICATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: N/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: N/A MOLECULE TYPE: Der ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUTHORS:
TITLE: N
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US-08-303-025-14
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**APPLICANT: JACOBSON, JAMES W.;STRAUSBERG, ROBERT D.;WILSON, SUSAN D.;POPE, SHARON H.;STRAUSBERG, SUSAN D.;WILSON, STUGNSTINE, PATRICTA C.;DANFORTH, HARRY D.;

**TILE OF INVENTION: EIMERIA ANTIGENIC COMPOSITION WHICH FILLY ANTIBODIES AGAINST AVIAN COCCIDIOSIS

**CHICATS ANTIBODIES AGAINST AVIAN COCCIDIOSIS

**NUMBER OF SEQUENCES: 10

**CHIRAL APPLICATION DATA: 1

**PRIOR APPLICATION NUMBER: 01,093

**PRIOR APPLICATION NUMBER: 61,693

**FLING DATE: 05-010-1989

**APPLICATION NUMBER: 746,520

**PLING DATE: 19-010-1988

**APPLICATION NUMBER: 67,811

**FLING DATE: 19-010-1988

**PLING DATE: 19-010-1988

**PLING DATE: 19-010-1988

**PLING DATE: 19-010-1988

**PLING DATE: 05-010-1984
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Pred. No. 7.1;
2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                        65.3%; Score 47; DB 6; Length 180; 68.8%; Pred. No. 7.1;
                                                                                                                                                                                                                                                                                                                                                           3; Indels
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US-08-152-488-12
| Sequence 12, Application US/08152488
| Patent No. 5534619
| GENERAL INFORMATION:
| APPLICANT: Wakefield, Thomas W. APPLICANT: Marcews, Philip C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN; TITLE OF INVENTION: ANTICOAGGUATION REVERSAL; NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New Jersey
United States of America
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STREET: 512 Springfield Avenue
CITY: Cranford
            FILING DATE: 12-5EP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 215,162
FILING DATE: 05-0TU-1988
APPLICATION NUMBER: 746,520
FILING DATE: 19-0TU-1985
APPLICATION NUMBER: 627,811
FILING DATE: 05-0TL-1984
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153 AASTAAKAAQEKAAKA 168
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Best Local Similarity 68.8%;
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 68.8
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 180
                                                                                                                                                                                                             SEQ ID NO:7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO:6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 8
5482709-6
                                                                                                                                                                                                                                                               5273901-7
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Gaps ; 0

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Query Match
63.9%; Score 46; DB 1; Length 29;
Best Local Similarity 66.7%; Pred. No. 1.8;
Matches 10; Conservative 2; Mismatches 3; Indels
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US-08-456-703B-16
| Sequence 16, Application US/08436703B
| Patent No. 5919761
| GENERAL INFORMATION:
| APPLICANT: Wakefield, Thomas W. APPLICANT: Andrews, Philip C. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: MEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 18
| CORRESPONDENCE ADDRESS: ADDRESSE Benita J, Rohm, ESq. STREET: 6601 Woodward Avenue STREET: 6611 Woodward Avenue STREET: Stuite 1525 CITY: Detroit STREET: Michigan STREET: Michigan STREET: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CUONINK: United States of America
ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Fluppy disk 1.44Mb, 3.5"
COMPUTER: TEM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordberfect 6;
SOFTWARE: Wordberfect 6;
SOFTWARE: ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION: 514
                                                                    TELEPHONE: 908-276-3344

TELEPAX: 908-276-5343

INPORMATION FOR SEQ ID NO: 12: SEQUENCE CHARACTERISTICS: LENGTH: 29 amino acids
TYPE: amin
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REFERENCE/DOCKET NUMBER: 7W
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-965-1976
                                                 TELECOMMUNICATION INFORMATION TELEPHONE: 908-276-3344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: 28,66
               REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 RKKAAKAARKA16
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TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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Sequence 12, Application US/08677304

Patent No. 5721212

GENERAL INFORMATION:

APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
STREET: S12 Springfield Avenue
CITY: Cranford
STATE: New Jersey
COUNTRY: United States of America
STATE: New Jersey
COUNTRY: United States of America
STATE: New Jersey
COUNTRY: LOW Jersey
COMPTTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Worder-fect of, ASCII (DOS) Text
CURRENT APPLICATION NUMBER: US/08/677,304
FILING DATE: 14-AUG-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: ROHM, BENITA J.
REGISTRATION NUMBER: 28,664
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNS DATE: 12-NOV-1993
ATTORNS CAPAT INFORMATION:
NAME: Rohm, Benita J.
REPERENCE/DOCKET NUMBER: 7WH-060548-00231
TELEPHONE: 313-496-7622
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TITLE: N/A;
; DOCUMENT NUMBER: PCT/US92/08069
DC-08-303-025-14
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Best Local Similarity 66.7
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
US-08-677-304-12
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Score 46; DB 4
Pred. No. 11;
1; Mismatches
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PRICR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: CAMPDEIL, CARLFTA A.
REGISTRATION NUMBER: 31,815
REFERRNCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
                                                                                                                            Sequence 27, Application US/09417264
Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Chavy, Offer
TITLE OF INVENTION: Ulcerative Coli
TITLE OF INVENTION: Microbial UC pA
TITLE OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 15
US-09-019-490-1
'Sequence 1, Application US/09019490
'Patent No. 6566334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: John H. Runnels
STREET: P. O. Box 2471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               63.9%;
71.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (619) 535-8949 INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (619) 535-9001
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: TYPE: amino acid

: TOPOLOGY: linear

: MOLECULE TYPE: peptide

US-09-417-264-27
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Best Local Similarity 71...
Best Local Similarity 71...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                      US-09-417-264-27
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Patent No. 6033864
Patent No. 603864
Patent No. 603866
Patent
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Pred. No. 11;
1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                               63.9%; Score 46; DB 2; Length 29; 66.7%; Pred. No. 1.8; 2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSTRICATION:
PRIOR APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/AGENT IRFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (619) 535-9001
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Best Local Similarity 71.4%;
Matches 10; Conservative
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121 KKATKAAKKAATKA 134
LENGTH: 29 amino acid
STRANDENESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 214 amino acids
amino acid
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                      29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                               OKIGINISM: N/A
ORGANISM: N/A
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: peptide

US-09-041-889-27
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 10; Conserv
                                                                                                                                                                                                                                                                                        ; TITLE: N/A
US-08-436-703B-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
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Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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APPLICANT: McLaughlin, Mark L.
APPLICANT: Tokum, Thomas S.
APPLICANT: Bright, Frederick M.
APPLICANT: Blzer, Philip H.
APPLICANT: Blzer, Philip H.
APPLICANT: Hammer, Robert Amphipathic Peptides with
TITLE OF INVENTION: Activity
TITLE OF INVENTION: Activity
NUMBER OF SEQUENCES: 1.
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3; Indels
                                                                                                                                                                                                                                                       ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
                                                                                                                                  E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
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CITYE: Baton Rouge
COUNTRY: Loss
COMPUTAY: Loss
COMPUTAY: Loss
COMPUTATION LOSS
COMPUTATION LOSS
COMPUTATION LOSS
COMPUTATION CONTROL LOSS
COMPUTATION LINE PED-1997
CURRENT REPLACED LOSS
COMPUTATION LOSS
COMPUT
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Cy 1 ARKKAAKAARKA 13 | | | | | | | | | | | | 2 AAKKAAKAARKAA 14 Search completed: August 17, 2004, 16:14:25 Job time : 7.9604 secs

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RESULT 1
US-10-424-599-219563
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US-10-390-472-16
                  Sequence 16, Appl Sequence 3957, Ap Sequence 354, Ap Sequence 35, Appl Sequence 4885, Appl Sequence 6100, Appl Sequence 6100, Appl Sequence 620, Appl Sequence 120, Appl Sequence 22, Appl Sequence 51864, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 219563,
                                                                                                                                             August 17, 2004, 16:06:45; Search time 25.2277 Seconds (without alignments) 199.100 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/prodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/prodata/1/pubpaa/USO6_NEW PUB.pep:*

4: /cgn2_6/prodata/1/pubpaa/USO6_NEW PUB.pep:*

5: /cgn2_6/prodata/1/pubpaa/USO6_PUBCOMB.pep:*

6: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

7: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

8: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

7: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

8: /cgn2_6/prodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/prodata/1/pubpaa/USO9_PUBCOMB.pep:*

10: /cgn2_6/prodata/1/pubpaa/USO9_NEW PUB.pep:*

11: /cgn2_6/prodata/1/pubpaa/USO9_NEW PUB.pep:*

12: /cgn2_6/prodata/1/pubpaa/USO9_NEW PUB.pep:*

13: /cgn2_6/prodata/1/pubpaa/USO9_NEW PUB.pep:*

14: /cgn2_6/prodata/1/pubpaa/USO9_NEW PUB.pep:*

15: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

16: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

17: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

18: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

19: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

17: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*

18: /cgn2_6/prodata/1/pubpaa/USO8_NEW PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 US-10-424-599-219563
6 US-10-390-472-16
4 US-10-156-19957
9 US-10-369-493-3684
2 US-10-169-613-13
2 US-10-169-613-13
2 US-10-169-613-13
2 US-10-169-613-13
2 US-10-199-12A-68109
2 US-10-282-122A-661962
2 US-10-282-122A-66237
4 US-10-169-613-18
2 US-10-169-613-18
2 US-10-169-613-18
2 US-10-169-613-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                       1292805 seqs, 313927144 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                              - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                   1 ARKKAAKAARKAAKA 16
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Maximum DB seq length: 2000000000
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72
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Match
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Perfect score:
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                                                                                                 protein
                                                                                                                                                                                                                                                                                                      Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database
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0
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        16
        47
        65.3
        481
        14
        US-10-156-761-13875
        Sequence 13875, A

        17
        65.3
        827
        16
        US-10-437-963-152005
        Sequence 37, Appl

        18
        46.5
        64.6
        21
        US-10-169-613-37
        Sequence 37, Appl

        20
        46
        63.9
        170
        US-10-169-613-37
        Sequence 53050, A

        21
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        63.9
        214
        US-10-282-122A-61901
        Sequence 62417, A

        23
        46
        63.9
        214
        US-10-282-122A-6180
        Sequence 62417, A

        24
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        63.9
        214
        US-10-282-122A-61817
        Sequence 62417, A

        25
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        US-10-282-123A-61817
        Sequence 62417, A

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        63.9
        214
        US-10-282-173357
        Sequence 62417, A

        27
        46
        63.9
        14
        US-10-28-173357
        Sequence 62417, A

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        62.5
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        14
        US-10-128-113357
        Sequence 62417, A

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        45
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        US-10-128-1144-342-
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ALIGNME

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US=10-424-589-219563

Sequence 219563. Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: Cao Youlse

APPLICANT: Cao Youngea

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Blants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21 (5323) B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT APPLICATION NUMBER: US/20/4-28

CURRENT APPLICATION NUMBER: US/20/4-28

NUMBER OF SEQ ID NOS: 285684

SEQ ID NOS: 285684

CRANTES: PRT

CRANTES: CAO TO NOS: 285684

CONCERT INFORMATION: Unsure at all Xaa locations

FRATURE:

OTHER INFORMATION: Clone ID: PAT_MRT3847_40293C.1.pep

US-10-424-599-219563

Query Match

Matches II; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Best Local Similarity 73.3%; Pred. No. 7.4;

Matches II; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Db 298 REXCAKARARKRAARA.
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NAME/KEY: unsure;
LOCATION: (1)..(685);
OTHER INFORMATION: unsure at all Xaa locations
US-10-369-493-3684
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CURRENT FILING DATE: 2002-07-18
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: JP 2001-204089
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: JP 2001-272697
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 9957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: PCT/GB00/03378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3684, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
                                                                                                                                                                                    TYPE: PRT ; ORGANISM: Streptomyces avermitilis US-10-156-761-9957
                                                                                                                                                                                                                                                                                                                                                                                                           |:||| :|||||:
88 AKKKAEEAARKKAAE 102
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Neurospora crassa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3684
LENGTH: 685
                                                                                                                                                                                                                                                                                                                                 Conservative
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Matches 11; Conserv
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Best Local Similarity
Matches 11; Conserv
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                                                                                                                                                                   LENGTH: 258
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                                                                     APPLICANT: HOLMES, Surguang
Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
THEREFOR
                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                             CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173-4799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 17-Mar-2003
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     72.2%; Score 52; DB 16; Length 60; 75.0%; Pred. No. 1.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/293,284
FILING DATE: 22-40G-1994
APPLICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATTORNEY,AGENT INFORMATION:

NAME: Brook, David B.

REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 9957, Application US/10156761
Publication No. U320030119018A1
Publication No. U320030119018A1
PPLICANT: IKEDA, HARUO
APPLICANT: IKEDA, HARUO
APPLICANT: SHIKAWA, UIN
APPLICANT: SHIRAWA, HIROSHI
APPLICANT: SHIRAWA, HIROSHI
APPLICANT: SHIRAWA, WOURL
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: HATTORI, MASAHIRA
ITITLE OF INVENTION NOVEL POLYNUCLEOTIDES
ITITLE REPERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-390-472-16
  Sequence 16, Application US/10390472
Publication No. US20840087013A1
GENERAL INFORMATION:
APPLICANT: Holmes, Todd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 60 amino acids
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Best Local Similarity 75.0
Matches 12; Conservative
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APPLICANT: Cao, Yongwei
APPLICANT: Cac, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Seven C.
APPLICANT: Gldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REPERBURE: 38-10 (52052) B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ·.
72.2%; Score 52; DB 14; Length 258; 73.3%; Pred. No. 6.6; ive 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     70.8%; Score 51; DB 15; Length 685; 73.3%; Pred. No. 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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Publication No. US20030086959A1
GENERAL INFORMATION:
APPLICANT: Reddal, Oystein
APPLICANT: Svendsen, John
APPLICANT: Soltstad, Torese
APPLICANT: Yang, Nannan
APPLICANT: Yang, Nannan
FILE REFERENCE: 1181-258
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1; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 70.1%; Score 50.5; DB 12; Length 18; Best Local Similarity 87.5%; Pred. No. 0.77; Matches 14; Conservative 0; Mismatches 1; Indels 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 6
US-10-169-613-13
Sequence 13, Application US/10169613
Publication No. US20030086959A1
GENERAL INFORMATION:
APPLICANT: Redkal, Oystein
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Soltetad, Torese
APPLICANT: Soltetad, Torese
APPLICANT: Mikman, Mari
APPLICANT: Soltetad, Torese
APPLICANTON NUMBER: US/10/169,613
CURRENT FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR PILING DATE: 1999-08-31
NUMBER: OF SEQ ID NOS: 40
SOFTWARE: PatentIn version 3.0
SEQ ID NO 13
LENGTH: 21
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR PILING DATE: 2000-03-09
PRIOR FILING DATE: 1999-08-31
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 35
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      i OTHER INFORMATION: antimicrobial peptide
US-10-169-613-13
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Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: OCHIAI, MKIRO
APPLICANT: OCHIAI, KEIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKAAKAAKA 16
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                                                                                                                                                                                                                                                                                  ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial
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                                                                                                                                                                                                                                                                                                                    FEATURE:
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GENERAL INFORMATION
FATER No. US20020151001A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: New nucleotide sequences which code for the ccpAl gene FILE REFERENCE: 0006059 HT
FULE REFERENCE: 0006059 HT
CURRENT APPLICATION NUMBER: US/09/938,540
CURRENT FILING DATE: 2001-08-27
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                            CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILIANG DATE: 2000-12-18
FRIOR PILIANG DATE: 1999-12-16
PRIOR FILING DATE: 1999-12-16
PRIOR FILING DATE: 1999-12-16
PRIOR FILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SEQ ID NO 4885
LENGTH: 369
                                                                                                 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 68109, Application US/10282122A
Publication No. US20040029123A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-938-540-2
                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             340 AAAKAAKAAQKAAAKA 355
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Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.03
Matches 12; Conservative
               TATEISHI, NAOKO
SENOH, AKIHIRO
IKEDA, MASATO
YOKOI, HARUHIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 75.0
Matches 12; Conservative
                                                                               OZAKI, AKIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-282-122A-68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-938-540-2
                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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1 ARKKAAKAARAAK 15
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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Syskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Best Local Similarity 66.73
Matches 10; Conservative
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CURRENT APPLICATION NUMBER: 18/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 69962, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 2000-05-26
APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin version 3.1 SEQ ID NO 68109
LENGTH: 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               192 AKKKAAEEAKKKAAE 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Pseudomonas putida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ARKKAAKAARKKAAK 15
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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PRIOR FILING DATE: 3000-9-05
PRIOR PILING DATE: 3000-10-23
PRIOR PILING DATE: 3000-10-23
PRIOR PILING DATE: 3000-10-23
PRIOR PILING DATE: 3000-10-23
PRIOR PILING DATE: 3001-02-16
PRIOR PAPILCANI: Manables (Manager GARD)
PRIOR PAPILCANI: MANAGER GARD (MANAGER GARD)
PRIOR PAPILCANI: WHORRE: 60/240, 247
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PRIOR PAPILCANION WHORRE: 60/240, 247
PRIOR PAPILCANION WHORRE: 60/240, 247
PRIOR PAPILCANION WHORRE: 60/240, 247
PRIOR PAPILCANION WHORRE: 60/240, 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Svendden, John
APPLICANT: Svendden, John
APPLICANT: Svendden, John
APPLICANT: Svendden, John
APPLICANT: Svendden, John
TITLE OF INVENTION: Methods of peptide preparation
TITLE OF INVENTION: Methods of peptide preparation
TITLE OF INVENTION: Methods of peptide preparation
TITLE OF INVENTION: MAINER: US/10/169,613
CURRENT APPLICATION NUMBER: US/10/169,613
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2000-03-09
PRIOR PILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
SEQ ID NOS: 40
SEQ ID NOS: 40
SEQ ID NO SEQ ID NOS: 40
SEQ ID NO SEQ ID NOS: 40
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Pred. No. 2.4;
0; Mismatches 0;
                                                                                                                                                                            Score 47.5; DB 12;
Pred. No. 2.4;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: modified antimicrobial peptide US-10-169-613-22
                                                                                                                , OTHER INFORMATION: modified antimicrobial peptide US-10-169-613-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 61864, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       US-10-169-613-22
Sequence 22, Application US/10169613
Publication No. US20030086959A1
GENERAL INFORMATION:
APPLICANT: RedKdal, Oystein
APPLICANT: Svendsen, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ollsen, Kari
APPLICANT: Ollsen, Kari
APPLICANT: Wall, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66.0%;
SOFTWARE: PatentIn version 3.0
SEQ ID NO 18
LENGTH: 21
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Yamamoto, Robert
Forsyth, R.
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ilarity 92.9%;
Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
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nes 13; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial
                                                              TYPE: PRT
ORGANISM: Artificial
FEATURE:
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Matches
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USALU-12./ 1032-12.0
USALU-12./ 1032-12.0
USALU-12./ 1032-12.0
USALU-12./ 1032-13.0
USALU-13.0
USALU-1 NO. US200301137424

GENERAL INFORMATION:
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M. Gita
APPLICANT: Greenberg, Everett Peter
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
ITILE OF INVENTION: BIOFILM FORMATION
FILE REFERENCE: UIZ-070CP
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT FILING DATE: 2002-04-19
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-10-42
NUMBER OF SEQ ID NOS: 170
SOFTWARRE FRAESEQ for Windows Version 4.0
SEQ ID NO 120
LENGTH: 347
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Pred. No. 32;
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APPLICANT: Redkdal, Oystein
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, John
APPLICANT: Svendsen, Mari
APPLICANT: Soltstad, Torese
APPLICANT: Soltstad, Torese
APPLICANT: 1801-286
APPLICANT: Soltstad, Torese
CURRENT PILING NETE: 2002-07-18
CURRENT APPLICATION NUMBER: US/10/169,613
PRIOR APPLICATION NUMBER: GB 0005702.6
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2000-03-09
PRIOR PILING DATE: 1999-08-31
PRIOR PILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 40
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ed. No. 32;
Mismatches
                                                                                                                                                                                                            4; Mismatches
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Pred. No.
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US-10-169-613-18
US-10-169-613-18
Sequence 18, Application US/10169613;
Publication No. US20030086959A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ), ORGANISM: Pseudomonas aeruginosa
US-10-127-032-120
                                                                                          TYPE: PRT;
CRGANISM: Pseudomonas aeruginosa
US-10-282-122A-66237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%;
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163 AKKKAAEDAKKKAAE 177
        NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 66237
LENGTH: 347
                                                                                                                                                                      Query Match
Best Local Similarity 66.7%;
Matches 10; Conservative
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163 AKKKAAEDAKKKAAE 177
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Best Local Similarity
Matches 10; Conserva
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US-10-127-032-120
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PRILICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE RFERENCE: BLITRA,034

CURRENT APPLICATION NUMBER: US/10/28,122A

CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR FILING DATE: 2000-03-23

PRIOR FILING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-12-22

PRIOR PLING DATE: 2000-12-22

PRIOR PPLICATION NUMBER: 60/250,636

PRIOR PLING DATE: 2000-12-22

PRIOR PPLING DATE: 2000-12-22

PRIOR PPLING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/260,636

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-06

PRIOR PLING DATE: 2001-02-16

PRIOR SPLING DATE: 2001-02-16

PRIOR SPLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16

PRIOR SPLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16

PRIOR SPLING DATE: 2001-02-16

PRIOR PLING DATE: 2001-02-16
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; ORGANISM: Mycobacterium avium
US-10-282-122A-61864
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Search completed: August 17, 2004, 17:19:15 Job time : 26.2277 secs

1 ARKKAAKAARKKAAK 15 | :|| || |||||| 62 APEKAEKAKRKKAAK 76

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Gaps . 0 29581, A Appli 2, Appli 8, Appli 9, Appli 9, Appli 3, Appli 5, Appli 5, Appli 4, Appli 4, Appli

Sequence

Sequence Sequence

Sequence Sequence Sequence

Sequence

Sequence

Sequence

Sequence

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Sequence 201, Application US/09095855

Patent No. 6160093

GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Skinner, Margot
APPLICANT: Skinner, Margot
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections
NUMBER OF SEQUENCES: 208
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
US-08-303-025-15
US-08-577-304-13
US-08-436-703B-2
US-08-303-025-16
US-08-4136-703B-4
US-09-417-264-27
US-09-252-991A-29581
US-08-762-106-8
US-08-762-106-8
US-08-762-106-9
US-08-762-106-9
US-09-320-774-9
US-09-320-774-9
US-09-320-774-9
US-09-320-774-9
US-09-320-774-9
US-09-320-774-9
US-09-320-774-9
US-09-320-774-9
US-08-76-106-9
US-08-76-106-9
US-08-76-106-9
US-08-76-106-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBALE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEC FOR Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
                                                                                                                                                                                                                                      US-09-405-743A-3
US-09-405-743A-5
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PULDA DELLALONI
APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-840G-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
APPLICATION NUMBER: 08/997,362
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c3
TELEPHONE: 206-269-0565
TELEPHONE: 206-269-0563
                                                                                                                                                                                                                                                                                                ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 223 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WAUSA
   98121
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      Sequence 4, Appli
Sequence 4, Appli
Sequence 13-6, Appli
Sequence 23, Appli
Sequence 6, Appli
Sequence 7, Appli
Sequence 15-0, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 12, Appli
Sequence 11, Appli
Sequence 11, Appli
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Sequence 201, App
                                                                                                          August 17, 2004, 15:50:03 ; Search time 8.95545 Seconds (without alignments) 103.766 Million cell updates/sec
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/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
                     GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-041-889-4
US-09-417-264-4
US-09-417-264-4
US-09-417-264-4
US-09-489-0339-13565
US-09-352-990-23
US-08-894-339-6
US-09-732-210-1550
US-09-732-210-1550
US-09-732-210-1550
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
US-08-152-488-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-152-488-12
US-08-303-025-10
US-08-303-025-11
US-08-303-025-13
US-08-677-304-11
US-08-677-304-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-436-703B-16
US-08-152-488-13
                                                                                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                       389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                               OM protein - protein search, using sw model
                                                                                                                                                                                                                              BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                               1 AKKARAAKKARAAKAARA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                        Issued_Patents_AA:*
                                                                                                                                                                                                                                                                                                                                 length: 0
length: 2000000000
                                                                                                                                                                  US-09-496-391-7
81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sed
sed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Title:
Perfect score:
                                                                                                                                                                                                                              Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score
                                                                                                                                                                                                                                                                                                                                  Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                        Database :
                                                                                                                                                                                                     Sequence:
                                                                                                                                                                                                                                                                            Searched:
                                                                                                              Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Result
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166 AKKAKSPKKAKAAKPKKA 183
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            65.48;
                                                                                                                                                                                                                                                                                                               LENGTH: 218 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 61.1
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 4370 La JOCULY: San Diego
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 1.218
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Peptide
                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-041-889-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-837-058-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ð
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Chonavy, Offer
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                           ö
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                                                                                           Gaps
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                                                                                                                                                                                                                                      RESULT 2
US-09-205-426-201

Sequence 201, Application US/09205426

Sequence 201, Application US/09205426

Patent No. 6406704

GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Watson, James D.

TITLE OF INVENTION: Compounds and Methods for Treatment and

TITLE OF INVENTION: Diagnosis of Mycobacterial Infections

FILE REFERENCE: 11000.100.2c4

CURRENT APPLICATION NUMBER: US/09/205,426

CURRENT FILING DATE: 1998-12-04

EARLIER APPLICATION NUMBER: 09/997,362

EARLIER PILING DATE: 1998-06-11

EARLIER FILING DATE: 1998-06-11

EARLIER FILING DATE: 1999-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1997-06-12

EARLIER FILING DATE: 1998-06-13

SARILER PILING DATE: 1998-06-13

EARLIER FILING DATE: 1998-06-13

SARILER PILING DATE: 1998-06-13

SARILER PILING DATE: 1998-06-19

NUMBER OF SEQ ID NOS: 208

NUMBER OF SEQ ID NOS: 208

SOFTWARE: FASTESEQ for Windows Version 3.0
                                            71.6%; Score 58; DB 3; Length 223; nilarity 77.8%; Pred. No. 0.42; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           71.6%; Score 58; DB 4; Length 223; 77.8%; Pred. No. 0.42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 4, Application US/09041889; Patent No. 6033864
                                                                                                                                                                             147 AKKATAAKKAAPAKKATA 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          147 AKKATAAKKAAPAKKATA 164
                                                                                                                                   1 AKKARAAKKARA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 AKKARAAKKARAAKKARA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT; ORGANISM: Mycobacterium vaccae
US-09-205-426-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Abba...
STREET: 43/v.-.
CITY: San Diego
STATE: California
                     Query Match
Best Local Similarity
-hes 14; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match
Best Local Similarity
Matches 14; Conserv
US-09-095-855-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 20:
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PROBABILIONIS DAY:

PROBABILIONIS DAY:

ATTORNAY/REST INTERMATION:

ATTORNAY/REST INTERMATION:

ATTORNAY/REST INTERMATION:

PROBABILIONIS DAY:

RESTANTON MARRES: 11,815

RESTANTON MARRES: 11,816

DOTHER MINORANTON: 1,016

OTHER MINORANTON: 1,016

OTHER MINORANTON: 1,124

COTHER MINORANTON: 1,124

OTHER MINORANTON: 1,124

OTHER MINORANTON: 1,124

COTHER MINORANTON: 1,124

MARCAS: Peptide

1,100

ARGENIA MARGAS

RESULT 4

UNDER MINORANTON: 1,124

MARCAS: ```

```
Sequence 13565. Application US/09489039A
Patent No. 6610836
General Incornation
APPLICANT: Gary Execon et. al
APPLICANT: Gary Execon et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
CURRENT FILLS OF STOOM OF STO
 Query Match 63.0%; Score 51; DB 4; Length 469; Best Local Similarity 66.7%; Pred. No. 6.7; Matches 12; Conservative 3; Mismatches 3; Indels
 61.7%; Score 50; DB 3; Length 346; 71.4%; Pred. No. 6.9; tive 3; Mismatches 1; Indels
 US-08-894-339-6

| Sequence 6. Application US/08894339|
| Parent No. 5945400|
| GENERAL INFORMATION:
| APPLICANT: SHERMAN, Daniel
| APPLICANT: BYK, Gerardo
| APPLICANT: BYK, Bertrand
| TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION, TITLE OF INVENTION: PREPARATION AND USE THEREOF |
| NUMBER OF SECUENCES: 9 |
| CORRESPONDENCE ADDRESS:
 Sequence 23, Application US/09352990

Patent No. 625090

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Femodu Layo O.
APPLICANT: Fractal Layo O.
APPLICANT: Refelski, Antoni
ITTLE OF INVENTION: Plant Aminoacyl-tRNA Synthetase
FILE REFERENCE: BB-1191
CURRENT APPLICATION NUMBER: US/09/352,990
CURRENT PILING DATE: 1999-07-14
EARLIER PILING DATE: July 15, 1998
MUMBER OF SEQ ID NOS: 29
SOFTWARE: Microsoft Office 97
INNCHH. 346
SEQ ID NO 23
SEQ ID NO 23
) TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-352-990-23
 ; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13565
 1 AKKARAAKKARA 18
 5 RAAKKARAAKKARA 18
 12 KGAKKAKAAKKAKA 25
 Best Local Similarity 71.4
Matches 10; Conservative
 RESULT 6
US-09-489-039A-13565
 US-09-352-990-23
 Query Match
 RESULT 7
 Sequence 4, Application US/09417264

Petent No. 6537768

GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
 ö
 Gaps
 ·.
 Query Match 65.4%; Score 53; DB 3; Length 218; Best Local Similarity 61.1%; Pred. No. 1.9; Matches 11; Conservative 4; Mismatches 3; Indels
 Query Match
65.4%; Score 53; DB 4; Length 218;
Best Local Similarity 61.1%; Pred. No. 1.9;
Matches 11; Conservative 4; Mismatches 3; Indels
CTHER INFORMATION: hote= "product = Human Histone;
CTHER INFORMATION: H1-S-4"
US-08-837-058-4
 CTHER INFORMATION: hote= "product = Human Histone;
CTHER INFORMATION: H1-S-4"
US-09-417-264-4
 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
 ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
 FILING DATE:
CLASTRICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION UNMBER: 9-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (6.99) 55.9001
 166 AKKAKSPKKAKAAKPKKA 183
 |||||::|||:||:||
166 AKKAKSPKKAKAKA 183
 1 AKKARAAKKARAAKKARA 18
 1 AKKARAAKKARAAKKARA 18
 TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
 LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
 RESULT 5
US-09-417-264-4
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) OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: PEPTIDE
US-09-405-743A-7
 NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: ST95012-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
TELEPHONE: (610) 454-3808
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/894,339
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION MYBER: WO PCT/FR96/00248
FILING DATE: 15-FEB-1996
ATTORNEY/AGENT INFORMATION:
 Sequence 7, Application US/09405743A Patent No. 6514938
 1 AKKARAA--KKARAAKKARA 18
 1 KKAKSPKKAKAAKPKKA 17
 2 KKARAAKKARAA 18
 ORGANISM: Artificial Sequence
 26 amino acids
 TOPOLOGY: linear
MOLECULE TYPE: protein
 TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
 US-09-405-743A-7
 LENGIH:
 US-09-306-044-6
 SEQ ID NO 7
LENGTH: 109
 TYPE: PRT
 FEATURE
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 Gaps
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0
 APPLICANT: SHERMAN, Daniel
APPLICANT: BYK, Gerardo
APPLICANT: BYK, Gerardo
TITLE OF INVENTION: NUCLBIC ACID-CONTAINING COMPOSITION,
TITLE OF INVENTION: PREPARATION AND USE THEREOF
NUMBER OF SEQUENCES:
ADDRESSEE: Rhone-Poulenc Roger Inc.
 60.5%; Score 49; DB 2; Length 26; 58.8%; Pred. No. 0.98;
 3; Indels
 STATE: PA

COUNTRY: USA

ZIP: 19426
COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/894,339
 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/306,044
 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FF 95/01865
FILING DATE: 17-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR96/00248
FILING DATE: 15-FEB-1996
ATTORNEY/AGENT INPORMATION:
 Mismatches
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
 3: Rhone-Poulenc Rorer Inc.
500 Arcola Road, Mailstop 3C43
 NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REFERNEKJE/DOKET NUMBER: ST95012-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
 US-09-306-044-6
; Sequence 6, Application US/09306044
; Patent No. 6200956
; GENERAL INPORMATION:
 2 KKARAAKKARAAKKARA 18
 TELEPHONE: (610) 454-381
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 6
 SEQUENCE CHARACTERISTICS:
LENGTH: 26 amino acids
TYPE: amino acid
STRANDEDNESS:
 10; Conservative
 MOLECULE TYPE: protein
 ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
 STREET: 500 TTY: Collegeville
 linear
 Query Match
Best Local Similarity
Matches 10; Conserv
 FILING DATE:
CLASSIFICATION:
 USA
 FILING DATE:
 TOPOLOGY:
 COUNTRY:
 US-08-894-339-6
 RESULT 9
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Gaps
 Gaps
 SYNTHETIC
 RESULT 11
US-09-732-210-1550
Sequence 1550, Application US/09732210
Patent No. 6573361
GENERAL INFORMATION:
APPLICANT: BAUKers, Greg J.
APPLICANT: Mittanck, Cindy A.
APPLICANT: Mattanck, Cindy A.
APPLICANT: Wu, Younie S.
TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
FILE REFERENCE: 38-21(15036)B
 .
 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS FILS REFERENCE: 60007-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 2.1
SOFTWARE: PACENTIN Ver. 2.1
 5
 Query Match 59.3%; Score 48; DB 4; Length 109; Best Local Similarity 65.0%; Pred. No. 4.6; Matches 13; Conservative 3; Mismatches 2; Indels
Query Match 60.5%; Score 49; DB 3; Length 26; Best Local Similarity 58.8%; Pred. No. 0.98; Matches 10; Conservative 4; Mismatches 3; Indels
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us-09-496-391-7.rai

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) DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-12
 STRANDEDNESS:
 US-08-436-703B-1
 US-08-436-703B-1
 LENGTH:
 RESULT 13
 ò
 Ouery Match 58.6%; Score 47.5; DB 4; Length 64; Best Local Similarity 81.2%; Pred. No. 3.4; Matches 13; Conservative 0; Mismatches 2; Indels
 RESULT 12
US-08-303-025-12
Sequence 12, Application US/08303025
Sequence 12, Application US/08303025
Sequence 12, Application US/08303025
Sequence 12, Machine 12
Sequence 12, Application US/08303025
Sequence 12, Application US/08303025
Sequence 12, APPLICANT: Andrews, Philip C.
APPLICANT: Andrews, Philip C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSE: Benita J. Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
 CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
COMPUTEX: United States of America
COMPUTEX: United States of America
COMPUTEX: Libopy diskette 3.5" 1.44Mb
COMPUTEX: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1, ASCII (DOS)TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILING DATE: 08-SEPT-1994
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: DCT/US92/06829
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: READ STATE AND ACTOR STATE AND STATE AND ACTOR STATE A
 CURRENT APPLICATION NUMBER: US/09/732,210
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: US 60/169,513
PRIOR FILING DATE: 1999-12-07
PRIOR PILING DATE: 1999-12-07
NUMBER OF SEQ ID NOS: 1753
LENGTH: 64
 2 KKARAAKKARAAKKAR 17
 47 KKALAAKK-RAVKKAR 61
 ; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-732-210-1550
 TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INPORMATION:
AUTHORS: N/A
TITLE: N/A
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 Gaps
 2,
 7
 Query March 58.0%; Score 47; DB 2; Length 28; Best Local Similarity 73.7%; Pred. No. 1.9; Matches 14; Conservative 3; Mismatches 0; Indels
Query Match 58.0%; Score 47; DB 1; Length 28; Best Local Similarity 73.7%; Pred. No. 1.9; Matches 14; Conservative 3; Mismatches 0; Indels
 GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WEIGHT HEPARIN
THE OF INVENTION: WEIGHT HEPARIN
MUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: 6601 Woodward Avenue
 7WK-060548-00233
 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: WordPerfect 6;
SOFTWARE: WordPerfect 6;
SOFTWARE: ASCII (BOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: W/A
ATTORNEY/AGRATINON DATA:
REGISTRATION NUMBER: 28,664
REFRENCE/DOCKET NUMBER: 7WK-060548-0023
TELEPRONE: 313-955-1976
 CITY: Detroit
STATE: Michigan
COUNTRY: United States of America
 Sequence 1, Application US/08436703B Patent No. 5919761
 1 AKKA-RAAKKA-RAAKKAR 17
 2 AKKAKKAAKKAKKAK 20
 1 AKKA-RAAKKA-RAAKKAR 17
 TELEFAX: 313-965-1951
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
 PUBLICATION INFORMATION:
AUTHORS: N/A
IIILE: N/A
 28 amino acids
 MOLECULE TYPE: peptide ORIGINAL SOURCE:
 TYPE: amino acid
 N/A
```

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ch 58.0%; Score 47; DB 1; Length 29; 1 Similarity 73.7%; Pred. No. 2; 14; Conservative 3; Mismatches 0; Indels
 Sequence 10, Application US/08152488
Patent No. 5534619
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
 STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
 PUBLICATION INFORMATION:
1 DOCUMENT NUMBER: PCT/US92/08069
1 FILING DATE: 14-AUG-1993
US-08-152-488-1Q
29 amino acids
 ORGANISM: N/A PUBLICATION: AUTHORS: N/A
 MOLECULE TYPE: peptide ORIGINAL SOURCE:
 TYPE: amino acid
STRANDEDNESS: N/A
 Best_Local Similarity
Matches 14; Conserv
 TOPOLOGY: N/A
 RESULT 14
US-08-152-488-10
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RESULT 15
US-08-152-488-11
; Sequence 11, Application US/08152488
; Patent No. 5534619
; GENERAL INFORMATION:

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APPLICANT: Waters: Philip C.
APPLICANT: Markers: Philip C.
APPLICANT: Standary, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: ANTICOAGULATION REVERSAL NOTICE OF INVENTION: ANTICOAGULATION REVERSAL NOTICE SIZE OF INVENTION: ANTICOAGULATION REVERSAL NOTICE SIZE OF INVENTION: ANTICOAGULATION REVERSAL NOTICE SIZE OF INVENTION: AND TITLE OF INVENTION: AND TITLE OF INVENTION: AND TITLE OF INVENTION DATA.
COMMUTER REALABLE FORM: SIZE OF America COMMUTER: NOTICE SIZE OF INVENTION DATA.
COMMUTER: NOTICE SIZE OF INVENTION DATA.
COMMUTER: Wardfactect 6, ASCII (DOS) Text APPLICATION DATA.
COMMUTER: Wardfactect 6, ASCII (DOS) Text APPLICATION DATA.
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APPLICATION DATA.
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APPL
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August 17, 2004, 16:06:45; Search time 28:3812 Seconds (without alignments) 199:100 Million cell updates/sec
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 1292805
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
 Total number of hits satisfying chosen parameters:
 1292805 seqs, 313927144 residues
 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
 OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
 Published Applications
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1 AKKARAAKKARAA 18
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Perfect score:
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 Sequence:
 Searched:
 Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

|           | Description                   | Sequence 201, App | Sequence 52, Appl |                    | Sequence 2, Appli | Sequence 32, Appl | Sequence 8, Appli | Sequence 7, Appli | Sequence 2, Appli | Sequence 5, Appli | 4,              | ٦,              | ď               | Sequence 1440, Ap  | Sequence 12370, A   | Semience 59321. A     |
|-----------|-------------------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|--------------------|---------------------|-----------------------|
| 011111100 | QI                            | US-10-051-643-201 | US-10-205-979-52  | US-09-771-161A-127 | US-09-888-721-2   | US-09-888-721-32  | US-10-240-430-8   | US-10-240-430-7   | US-10-262-209-2   | US-10-240-430-5   | US-10-229-567-4 | US-10-262-209-1 | US-10-240-430-2 | US-10-369-493-1440 | US-10-156-761-12370 | TIS-10-282-122A-59321 |
|           |                               | 13                | 14                | 6                  | 5                 | 6                 | 16                | 16                |                   |                   |                 | 14              | 16              |                    | 14                  |                       |
|           | %<br>Query<br>Match Length DB | 223               | 223               | 243                | 26                | 26                | 55                | 99                | 130               | 130               | 218             | 234             | 234             | 344                | 272                 | 323                   |
|           | %<br>Query<br>Match           | 71.6              | 71.6              | 66.7               | 65.4              | 65.4              | 65.4              | 65.4              | 65.4              | 65.4              | 65.4            | 65.4            | 65.4            | 65.4               | 63.0                | 61.7                  |
|           | Score                         | 58                | 58                | 54                 | 53                | 53                | 53                | 53                | 53                | 53                | 53              | 53              | 53              | 53                 | 51                  | 5.0                   |
|           | Result<br>No.                 | н                 | 7                 | m                  | 4                 | Ŋ                 | φ                 | 7                 | 60                | σι                | 10              | 11              | 12              | 13                 | 14                  | 7                     |

| Sequence 23, Appl | Sequence 68109, A   | Seguence 55748, A | Sequence 7, Appli | Sequence 62547, A | Sequence 64817, A | Sequence 27, Appl | Sequence 70601, A | Sequence 182491,  | Sequence 125161, | Seguence 13, Appl | Sequence 1429, Ap | Sequence 66237, A | Sequence 120, App | Sequence 4, Appli | Sequence 3, Appli | Sequence 5, Appli | Sequence 6, Appli | e 1246         | 2197            | 1022          | 7819                | Seguence 56483, A      | 7081          | 3 1705        | Sequence 7136, Ap | Sequence 184, App | Sequence 11306, A |               | Sequence 5479, Ap  |
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| -846-589A-2       | US-10-282-122A-6810 | 3-282-122A-5      | -816              | US-10-282-122A-6  | US-10             | US-10-229         | US-10-425-114-706 | US-10-437-963-182 | US-10-437-963-12 | US-10-1           | US-10-3           | .,                | US-10-127-032-120 | 8                 | 8                 | 8                 | -816-989A-6       | )-156-761-1246 | US-10-424-599-2 | US-10-156-761 | US-10-282-122A-7819 | 2 US-10-282-122A-56483 | US-10-425-114 | US-10-369-493 | US-10-032-585     | US-09-963-131     | 156-761           | US-10-390-472 | US-09-738-626-5479 |
| 9 10              | Н                   | 7                 |                   | Н                 | Н                 | Н                 | Н                 | Н                 | Н                | -1                | Н                 | Н                 | Н                 |                   |                   |                   |                   | ч              | ۲               | Н             | Н                   | Н                      | Н             | Н             | Н                 | ٦                 | Н                 | Ч             |                    |
| 34                | 37                  | 42                | 10                | 21                | 21                | 21                | 22                | 30                | 37               | CAI               | 21                | 34                | 34                | w                 | u)                | 1-                | ω                 | 138            | 14              | 21            | 36                  | 42                     | 4.7           | 53            | 99                | 75                | 78                | w             | 23                 |
| 61.7              | 60.5                | 60.5              | 59.3              | 58.0              | 58.0              | 58.0              | 56.8              | 56.8              | 56.8             | 56.2              | 55.6              | 55.6              | 55.6              | 54.9              | 54.3              | 54.3              | 54.3              | 54.3           | 54.3            | 54.3          | 54.3                | 54.3                   | 54.3          | 54.3          | 54.3              | 54.3              | 54.3              | 53.7          | 53.7               |
| 20                | 4.0                 |                   | 4.                |                   | 47                | 47                | 46                | 46                | 46               | 45.5              | 45                | 45                | <b>4</b>          | 44.5              | 44                | 44                | 44                | 44             | 44              | 44            | 44                  | 44                     | 44            | 44            | 44                | 44                | 44                | 43.5          | c                  |
| 16                | 17                  | 18                | 19                | 20                | 21                | 22                | 23                |                   |                  |                   |                   | 28                |                   |                   |                   |                   |                   | 34             | 32              | 36            | 37                  | 38                     | 3.9           | 40            | 41                | 42                | 43                | 44            | 45                 |

## ALIGNMENTS

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Sequence 201, Application US/10051643

Sequence 201, Application US/20020197265A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Watson, James D.
TITLE OF INVENTION: Methods and Compounds for the Treatment
TITLE OF INVENTION: Methods and Compounds for the Respiratory
TITLE OF INVENTION: Of Immunologically-Mediated Diseases of the Respiratory;
TITLE OF INVENTION: Of Immunologically-Mediated Diseases of the Respiratory;
TITLE OF INVENTION: Of Immunologically-Mediated Diseases
CURRENT APPLICATION NUMBER: US/10/051,643

CURRENT FILING DATE: 1990-11

PRIOR FILING DATE: 1990-17

PRIOR FILING DATE: 1997-12-23

NUMBER OF SEQ ID NOS: 208

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 223
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 71.6%; Score 58; DB 13; Length 223; 77.8%; Pred. No. 0.8; ive 0; Mismatches 4; Indels
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US-10-205-979-52
Sequence 52, Application US/10205979
; Publication No. US20030147861A1
 147 AKKATAAKKAAPAKKATA 164
 1 AKKARAAKKARAAKKARA 18
) ORGANISM: Mycobacterium vaccae US-10-051-643-201
 Query Match
Best Local Similarity 77.8
Matches 14; Conservative
 TYPE: PRT
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FILE REFERENCE: 23611-A USA
CURRENT APPLICATION NUMBER: US/09/888,721
CURRENT FILING DATE: 2001-06-25
PRIOR PPLICATION NUMBER: 60/213,653
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PATENTIN VET. 2.0
; SEQ ID NO 2
LENGTH: 26
 Sequence 32, Application US/0988721; Patent No. US20020132990A1; GENERAL INFORMATION:
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 1 AKKARAAKKARA 18
 |||||: |||:|| :|
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 1 AKKARAAKKARAAKKARA 18
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Best Local Similarity 61.1%;
Matches 11; Conservative
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Best Local Similarity 61.1%;
Matches 11; Conservative
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 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-888-721-2
 TYPE: PRT
CRGANISM: Homo sapiens
US-09-888-721-32
 TITLE OF INVENTION:
 US-09-888-721-32
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 Gaps
 Sequence 2, Application US/0988721
Patent No. US20020132990A1
GENERAL INFORMATION:
APPLICANT: HUSTON, James S.
APPLICANT: Huston, James S.
APPLICANT: Laurent, Olivier
APPLICANT: APPLICANT: AREACO, Wayne A.
APPLICANT: Scherman, Daniel
TITLE OF INVENTION: BIOENGINEERED VEHICLES FOR TARGETED NUCLEIC ACID
 ö
 ;
0
 APPLICANT: Watson, James D.
APPLICANT: Abernethy, Nevin
TITLE OF INVENTION: Compounds and Methods for the Modulation
TITLE OF INVENTION: Of Immune Responses
FILE REFERENCE: 11000.1063U US/10/205,979
CURRENT APPLICATION NUMBER: US/10/205,979
CURRENT APPLICATION NUMBER: 60/308,446
PRIOR APPLICATION NUMBER: 60/308,446
PRIOR APPLICATION NUMBER: 60/308,46
NUMBER OF SEQ ID NOS: 52
NUMBER OF SEQ ID NOS: 52
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 Query Match 66.7%; Score 54; DB 9; Length 243; Best Local Similarity 70.6%; Pred. No. 3.2; Matches 12; Conservative 3; Mismatches 2; Indels
 Sequence 127, Application US/09771161A
Fatent No. US20020110811A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: et al.,
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
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 1 AKKARAAKKARAA 18
 ; TYPE: PRT
; ORGANISM: Mycobacterium vaccae
US-10-205-979-52
 2 KKARAAKKARAAKKARA 18
 9 KKARAAEAARAAEAAKA 25
 TYPE: PRT
CRGANISM: Homo sapiens
US-09-771-161A-127
 GENERAL INFORMATION:
 RESULT 3
US-09-771-161A-127
 SEQ ID NO 127
LENGTH: 243
 US-09-888-721-2
 RESULT 4
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APPLICANT: Mils, Pierre
APPLICANT: Mils, Pierre
APPLICANT: Zhu, Quan
APPLICANT: Zhu, Quan
APPLICANT: Avin, Quan
APPLICANT: Avin, Quan
APPLICANT: Marasco, Wayne A.
APPLICANT: Marasco, Wayne A.
APPLICANT: Marasco, Wayne A.
APPLICANT: Marasco, Wayne A.
APPLICANT: Scheman, Daniel
TITLE OF INVENTION: BLOWGINERED VEHICLES FOR TARGETED NUCLEIC ACID
TITLE OF INVENTION: DELIVERY
FILE REPREBNOE: 2361-A USA
CURRENT APPLICATION NUMBER: 05/0-06-25
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 45
SEQ ID NOS: 45
SEQ ID NO 32
LENGTH: 26
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 RESULT 6
US-10-240-430-8

JSG-10-240-430-8

SGG-10-240-130-8

Publication No. US20040110928A1

Publication No. US20040110928A1

GENERAL INFORMATION:

APPLICANT: Crisanti, Andrea

APPLICANT: Essephir Selma

TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
FILE REPREBNCE: GJE-6402

CURRENT APPLICATION NUMBER: US/10/240,430

CURRENT FILING DATE: 2003-04-15

PRIOR APPLICATION NUMBER: PCT/GB01/01697

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-02-02
 Score 53; DB 9; Length 26; Pred. No. 0.47;
Score 53; DB 9; Length 26;
Pred. No. 0.47;
4; Mismatches 3; Indels
 3; Indels
 Mismatches
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TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Uncertive Colitis, and Clinical Subtypes Thereof, Using Microbial UC pANCA antigens
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 Score 53; DB 14; Length 130;
Pred. No. 2.3;
 Score 53; DB 16; Length 130;
Pred. No. 2.3;
 WENDUL

Sequence 5, Application US/10240430

; Sequence 5, Application US/10240430

; Publication No. US20(40110928A1

; GENERAL INPORMATION:

APPLICANT: Crisanti, Andrea

; TITLE OF INVENTION: Peptide Conjugates for Drug Delivery

FILE REFERENCE: GJE-6402

; CURRENT FILING DATE: 2003-04-15

PRIOR PLILING DATE: 2001-04-12

PRIOR PLILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

PRIOR FILING DATE: 2001-04-12

; PRIOR FILING DATE: 2001-04-12

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: PatentIn version 3.1

; SEC ID NO 5

LENGTH: 130
 CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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 APPLICANT: Braun, Jonathan
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76 AKKAKSPKKAKAKPKKA 93
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Best Local Similarity 61.1%;
Matches 11; Conservative
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US-10-262-209-2
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 US-10-240-430-5
 US-10-229-567-4
 TYPE: PRT
 RESULT 10
 Вb
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0
 Sequence 7, Application US/10240430
| Publication No. US20040110928A1
| GENERAL INFORMATION:
| APPLICANT: Crisanti, Andrea
| APPLICANT: Crisanti, Andrea
| APPLICANT: Esseghir, Selma
| TITLE OF INVENTION: Peptide Conjugates for Drug Delivery
| FILE REFERENCE: G216-6402
| CURRENT FILING DATE: 2003-04-15
| PRIOR APPLICATION NUMBER: US/10/240,430
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TITLE OF INVENTY ON: Compositions for Drug Delivery
FILE REFENCE: GJE-6703
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PRIOR FILING DATE: 2002-09-07
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LENGTH: 55
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; ORGANISM: Homo sapiens
US-10-240-430-7
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US-10-262-209-2
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318 KKAKKAKKAKKAQ 333
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US-10-240-430-2
 RESULT 14
US-10-156-761-12370
 US-10-369-493-1440
 TYPE: PRT
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H1-S-4"
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GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
APPLICANT: CRISCONTICANTON
COMPERT SEPRENCE: GUE-6703
CURRENT FILING DATE: 2002-08-07
PRIOR FILING DATE: 2001-04-12
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PRIOR FILING DATE: 2001-04-12
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PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR FILING DATE: 2001-04-12
SOCTWARE: PATENTIN UMBER: UK 0102667.3
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PRIOR APPLICATION NUMBER: UK 0102667.3
PRIOR FILING DATE: 2001-04-12
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APPLICATION NUMBER: US 09/041,889
FILING DATE: «URKNOWN-
ATTORNEY/AGENT INFORMATION:
NAWE: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DCCKT NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acids
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 APPLICATION NUMBER: US/10/229,567
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 FILING DATE: 27-Aug-2002
CLASSIFICATION: <Unknown>
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 1 AKKARAAKKARARA 18
CURRENT APPLICATION DATA:
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 11; Conservative
 TYPE: PRT
CRGANISM: Homo sapiens
US-10-262-209-1
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Matches 11; Conserva
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 US-10-262-209-1
 g
 Dp
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APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: EXPESSION OF MICROBIAL PROPERTIES
FILE REFERENCE: 38-10 (52052) B
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR PLILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 1440
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 Query Match 65.4%; Score 53; DB 16; Length 234; Best Local Similarity 61.1%; Pred. No. 4.2; Matches 11; Conservative 4; Mismatches 3; Indels
 Query Match 65.4%; Score 53; DB 15; Length 344; Best Local Similarity 68.8%; Pred. No. 6.1; Matches 11; Conservative 3; Mismatches 2; Indels
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CURRENT APPLICATION NUMBER: US/10/240,430
CURRENT FILING DATE: 2003-04-15
FRICR FILING DATE: 2001-04-12
FRICR FILING DATE: 2001-04-12
FRICR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 14
SEQ ID NO 2
SEQ ID NO 2
LENGTH: 234
LENGTH: 234
 Sequence 12370, Application US/10156761 Publication No. US20030119018A1 GENERAL INFORMATION:
 US-10-369-493-1440
Sequence 1440, Application US/10369493; Publication No. US2003023367541
GENERAL INFORMATION:
 Saccharomyces cerevisiae
Sequence 2, Application US/10240430
Publication No. US20040110928A1
GENERAL INFORMATION:
APPLICANT: Crisanti, Andrea
 167 AKKAKSPKKAKAAKPKKA 184
 1 AKKARAAKKARA 18
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APPLICANT: NETR, SATOSHI
APPLICANT: MATCH AND AND AND AND APPLICANT: MATCH ```

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Sequence 25, Appl Sequence 21, Appl Sequence 22, Appl Sequence 5, Appli Sequence 6, Appli Sequence 6, Appli Sequence 7, Appli Sequence 7, Appli Sequence 13565, A Sequence 12, Appl Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl

Sequence Sequence Sequence Sequence

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Section 108 of 551795

GENERAL INFORMATION:
APPLICANT:
APPLICATION NUMBER:
CURRENT APPLICATION NUMBER:
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PRIOR APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
PRIOR PLING DATE:
1998-02-18
PRIOR PLING DATE:
1998-07-18
PRIOR APPLICATION NUMBER:
PRIOR PLING DATE:
PRIOR APPLICATION NUMBER:
PRIOR APPLICATION NUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/08346849
Patent No. 5670483
GENERAL INFORMATION
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Lockshin, Curtis
APPLICANT: Holmes, Todd
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FOR
TITLE OF INVENTION: SIEJE-ASSEMBLY OF AMPHIPHILIC PEPTITLE OF INVENTION: THEREFOR
INTER OF INVENTION: THEREFOR
CORRESPONDENCES: 64
CORRESPONDENCES: 64
CORRESPONDENCES: ADMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: TWO MILITIA Drive
                    Ouery Match 65.3%; Score 94; DB 4; Le
Best Local Similarity 66.7%; Pred. No. 0.00051;
Matches 20; Conservative 7; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Albora
STREET: Two ...
CITY: Lexington
TATE: Massachusetts
     RESULT 2
US-08-346-849-16
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  2288888888888444444
8001284897560012845
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Sequence 27, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 32957, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 17, Appl
Sequence 18, Appl
Sequence 19, Appl
Sequence 10, Appl
Sequence 10, Appl
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                                                                                                                                                                                             August 17, 2004, 15:50:03 ; Search time 15.9208 Seconds (without alignments) 103.766 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                                GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
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US-08-293-284A-16
US-08-091-284A-16
US-09-041-889-27
US-09-041-889-27
US-08-436-703B-4
US-08-436-703B-4
US-08-995-172-14
US-08-995-172-14
US-09-150-812-26
US-09-150-812-26
US-09-150-812-26
US-08-152-498-13
US-08-303-025-15
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144
1 ARKKAAKAARKKAAKAARKAAKA32
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5-08-677-304-10
5-08-677-304-11
5-08-436-703B-3
5-08-436-703B-15
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5-08-152-488-11
5-08-303-025-10
5-08-303-025-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       389414 segs, 51625971 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                          OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
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Maximum DB
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Length 407; Indels FORMED BY PEPTIDES AND USES

1;

Gaps

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GENERAL INFORMATION:
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
APPLICANT: Rich, Alexander
APPLICANT: Rich, Alexander
APPLICANT: Holmes, Todd
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 60;
                                                                                                                                                                                                                                                                                          Score 81.5; DB 2; Length 6 Pred. No. 0.0024; 4; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Lexington

STATE: Messachusetts

COUNTRY: U.S.A.

ZIP: O2173-4799

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

APPLICATION NUMBER: US/08/899

FILING DATE: 28 DECEMBER 1994

PRIOR APPLICATION NUMBER: 07/973,326

FILING DATE: 28 DECEMBER 1992

ATTORNEY AGENT INPORMATION:

NAME: BROOK, DAYIG E.

REFERENCE/DOCKET NUMBER: MIT-6008FB

TELECOMMUNICATION NUMBER: MIT-6008FB

TELECOMMUNICATION NUMBER: MIT-6008FB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive
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Pred. No. 0.0024;
REFERENCE/DOCKET NUMBER: MIT-6008A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 4
US-08-898-300-16
Sequence 16, Application US/08898300
; Patent No. 6548630
                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
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                                                                                                                                                                                                                                                                                               Query Match 56.6%;
Best Local Similarity 56.8%;
Matches 21; Conservative
                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , MOLECULE TYPE: protein US-08-898-300-16
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Best Local Similarity
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Sequence 16, Application US/08291284A

Patent No. 5955343

GENERAL INFORMATION:
APPLICANT: Thomes, Todd
APPLICANT: Zhang, Shuguang
APPLICANT: Zhang, Shuguang
APPLICANT: Lockshin, Curtis
TITLE OF INVENTION: SELE-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES;
TITLE OF INVENTION: THREPOR
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ŝ
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Pred. No. 0.0024;
4; Mismatches 7; Indels
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ZIP: 02173-4799

COUPTER READABLE FORM:
MEDIUW TYPE: FLOPDY disk
COMPUTER: IBM PC Compatible
OFFRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,284A
FILING DATE: 22-AUG-1994
CLASSIFICATION NUMBER: 07/973,326
FILING DATE: 28-DEC-1992
ATPONEY/AGENT INPOMMATION:
NAME: BLOOK, David E.
REGISTRATION NUMBER: 22,592
  ZIP: 02173-4799

CONDUTER READABLE FORM:
MEDUIW TYPE: Fippy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARS: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,849
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CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,326
FILING DATE: 28 DECEMBER 1992
ATTORNEY/AGENT INFORMATION:
NAME: BROOK, DAVIA E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: 22,592
REFERENCE/DOCKET NUMBER: 41,592
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
TELEFAX: (610 mino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 56.8%;
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein US-08-346-849-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Lexington
STATE: Massachusetts
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GY: linear
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US-08-293-284A-16
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55.9%; Score 80.5; DB 4; Length 214; 63.6%; Pred. No. 0.0098; tive 2; Mismatches 9; Indels
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Patent No. 5614494
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Wakefield, Thomas W.
APPLICANT: Beanley, Philip C.
APPLICANT: Branley, James C.
APPLICANT: AND REALIS.
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN
TITLE OF INVENTION: ANTICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J, Rohm, Esq.
STREET: 150 West Jefferson, Suite 2500
CITY: Detroit
STATE: Michigan
COUNNEY: United States of America
ZIP: 48226-4415
                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           111 AKKVAKKAPAKKATKAAKKAATKAPARKAATKA 143
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                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFRENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
THE PROMMUNICATION INFORMATION:
THE PROMMUNICATION INFORMATION:
THE PROMMUNICATION INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS V.6.22
SOFTWARE: WordPerfect 6.1; ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/303,025
FILLING DATE: 08-SEPT-1994
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                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
                                                                                         COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 08-SEPT-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNDBER: PCT/1
FILING DATE: 14-AUG-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : 214 amino acids
amino acid
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nes 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
          STREET: 43/CCITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-303-025-16
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Matches
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                                                                                                                                                                                                                                                                                  APPLICANT: Braun, Jonathan
APPLICANT: Chavy, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
ADDRESSEE: Campbell & Flores LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 27, Application US/09417264
Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Chary, Offer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC pANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
  i,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBL PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
                                             1 ARKKAAKAARKKAAKA-----ARKKAAKAAKA 32
                                                                                           11 AKKKAAAKRKRAKKAKKPKKKAAKKAKKPAKKS 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      111 AKKVAKKAPAKKATKAAKKAATKAPARKAATKA 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 ARKKAAKAARKKAAKKAAKA-ARKKAAKA 32
  4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/SEBYT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
TELEPHONE: (619) 535-9001
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                Sequence 27, Application US/09041889 Patent No. 6033864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 214 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 63.69
Matches 21; Conservative
  21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: peptide US-09-041-889-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 4370 La JC
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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                                                                                                                                                                                            US-09-041-889-27
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  Matches
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APPLICANT: Thatcher, David R
APPLICANT: Wilks, Paula B
APPLICANT: Wilks, Paula B
TITLE CANTERNION: Optimization of Gene Delivery and Gene Delivery Systems FILE REPERENCE: CACCOGOS
CURRENT APPLICATION NUMBER: US/08/995,172B
CURRENT FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/033,908
EARLIER FILING DATE: 1996-12-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                              Gabs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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, OTHER INFORMATION: Description of Artificial Sequence: Peptide
US-08-995-172-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 26, Application US/08839624

Patent No. 6225045

GAPELCANT: Karn et al.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
TITLE OF INVENTION: HIV INFECTION
NUMBER OF SEQUENCES: 43

CORRESSONDENCE ADDRESS.

ADDRESSEE: MILLOR WILLOFF, Inc.

STREET: One Financial Center
                                                                                                                                                                                                                                                                                                                   Length 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 49;
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Pred. No. 0.0049;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (49)
OTHER INFORMATION: Xaa is Cys with Acm sidechain
                                                                                                                                                                                                                                                                                                                 Score 80; DB 2;
Pred. No. 0.002;
                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKAARKKAAKA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                    2 AAKKAAKKAKKAAKKA--KKAAKKAKKAAKKA 31
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                                                                                                                                                                                                                                                                                                                 Query Match 55.6%; Score 80; DB Best Local Similarity 65.6%; Pred. No. 0.00 Matches 21; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ARKKAAKAARKKAAKAARKKAAK 31
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18.08-995-172-14

; Sequence 14, Application US/08995172B

; Patent No. 6218112
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58.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE: NAME/KEY: UNSURE
                                                               33 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 58.1
Matches 18; Conservative
                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                       ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                            MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                               TYPE: amino acid
STRANDEDNESS: N/i
TOPOLOGY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-839-624-26
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US-08-436-703B-4
                                                             LENGIH:
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TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08436703B
Patent No. 5919761
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
ATTLE OF INVENTION: HEPARIN AND LOW MOLECULAR;
TITLE OF INVENTION: WEIGHT HEPARIN
TITLE OF INVENTION: WATICOAGULATION REVERSAL
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/436,703B
FILING DATE: 08-MAY-1995
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: N/A
FILING DATE: N/A
ATTORNEY/AGENT INFORMATION:
NAME: Rohm, Benita J.
REGISTRATION NUMBER: .28,664
REFERENCE/DOCKET NUMBER: 78,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 55.6%; Score 80; DB 1;
Best Local Similarity 65.6%; Pred. No. 0.002;
Matches 21; Conservative 2; Mismatches
                                                             NAME: Rohm, Benita J.
REPERBLE/DOCKT NUMBER: 7WH-060548-00231
TELECOMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
TELEPAX: 313-496-8454
INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKKAAKAARKKAAKA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk 1.44Mb, 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORTPERFECT 6;
SOFTWARE: ASCII (DOS)Text
CURRENT APPLICATION DATA:
FITTER TO BE THE TOTAL BROWNER: US/08/436,703B
APPLICATION NUMBER: US 08/152,488 FILING DATE: 12-NOV-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Michigan
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                     ; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Benita J, Rohm, Esq.
STREET: 6601 Woodward Avenue
STREET: Suite 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 7W TELECOMMUNICATION: 113-965-1976
                                                                                                                                                                                                             LENGTH: 33 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                          ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 48226
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Detroit
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US-08-436-703B-4
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Sequence 32957, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: 10196.128

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 32957

LENGTH: 316
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54.2%; Score 78; DB 4; Length 316;
Best Local Similarity 64.5%; Pred. No. 0.027;
Matches 20; Conservative 0; Mismatches 11; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 58.1%; Pred. No. 0.0049;
Matches 18; Conservative 4; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-152-488-13
Sequence 13, Application US/08152488
Fatent No. 5534519
GENERAL INFORMATION
APPLICANT: Andrews, Philip C. APPLICANT: Andrews, Philip C. TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN INTILE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benita J. Rohm, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                211 AAKPAAKPTAKAAKPATKPAAKAAKPAAK 241
                    NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ARKKAAKAARKKAAKKAAKAARKKAAK 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARKKAAKAARKAAKAARKKAAKAAK 31
                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
TYPOLIGY: unknown
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-150-812-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEE: Benita J, Rohm, Esq.: 512 Springfield Avenue
Cranford
                                                                                           TELECOMMUNICATION INFORMATION
TELEPHONE: 617-345-9100
TELEPAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 49 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-32957
  INFORMATION:
ATTORNEY/AGENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 12
US-09-252-991A-32957
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Sequence 26, Application US/09150812
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kain et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COMBATTING
HIV INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
0
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Pred. No. 0.0049;
4; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/150,812
FILING DATE: 11-Sep-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: 08/639,624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 ARKKAAKAARKKAAKAARKKAAK 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7 AKKPAAKKSPKKAKKPAAKKSPKKAKKPAAK 37
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APPLICATION NUMBER: US 60/017,268
FILING DATE: 13-MAY-1996
                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/08/839,624
FILING DATE: April 15, 1997
CLASSIFICATION DATA:
APPLICATION NUMBER: DCT/GB96/78191
FILING DATE: 15-APR-1996
PRIOR APPLICATION NUMBER: PCT/GB96/78191
FILING DATE: 13-ARY-1996
ATTORNEY AGENT INFORMATION:
NAME: KACHIGEN M. WILLIAMS
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
MATTORNEY ACTION INFORMATION:
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/5390
TELECOMMUNICATION INFORMATION:
MATTORNEY ACTION INFORMATION:
TELECOMMUNICATION INFORMATION:
MATTORNEY ACTION INFORMATION:
TELECOMMUNICATION INFORMATION:
THEEBHONE: 61-345-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  54.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 49 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , MOLECULE TYPE: peptide US-08-839-624-26
  Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         unknown
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Best Local Similarity
                                                    02111
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US-09-150-812-26
  STATE: M
COUNTRY:
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7WH-060548-00231
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                                                                       CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06829
FILING DATE: 14-AUG-1992
APPLICATION NUMBER: US 08/152,488
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAMB: Rohm, Benita J.
REFERENCE/DOCKET NUMBER: 7WH-060548-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 313-496-7622
TELEPHONE: 313-496-7622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TITLE: N/A
; DOCUMENT NUMBER: PCT/US92/08069
; FILING DATE: 14-AUG-1993
US-08-303-025-15
                                             08-SEPT-1994
                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: N/A
                                                                                                                                                                                                                                                                                                                  TELEFAX: 313-496-8454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide ORIGINAL SOURCE:
                     APPLICATION NUMBER:
                                             FILING DATE: 08 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 15
US-08-677-304-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 53.5%; Score 77; DB 1; Length 32; Best Local Similarity 66.7%; Pred. No. 0.0043; Matches 20; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 15, Application US/08303025

Patent No. 5614494

GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W. APPLICANT: Stanley, James C. TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: NOWEL WEIGHT HEPARIN TITLE OF INVENTION: ANTICOAGULATION REVERSAL NUMBER OF SEQUENCES: 16 CORRESPONDENCE ADDRESS: ADDRESSE: Benita J, Rohm, Esq. STREET: 150 West Jefferson, Suite 2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Detroit
STATE: Michigan
COUNTRY. United States of America
ZIP: 48226-4415
COMPUTER READABLE FORM:
MADDIUM TYPE: Floppy diskette 3.5" 1.44Mb
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: MS-DOS v.6.22
SOFTWARE: WordPerfect 6.1; ASCII (DOS)Text
CURRENT APPLICATION DATA:
                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS) Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,488
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
ATTORNEY, AGENT INFORMATION:
NAME: ROAM: BENIE J.
REGISTRATION NUMBER: 28,664
REFERENCE/DOCKET NUMBER: RM-7WG
TELEPHONE: 908-276-5344
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 KKAAKKAKKAAKKA--KKAAKKAKKAAKKA 30
                       New Jersey
: United States of America
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PUBLICATION INFORMATION:
DOCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
US-08-152-488-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: N/A PUBLICATION INFORMATION: AUTHORS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: N/A
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: N/A
STATE: "... COUNTRY: Unite... 07016-1811
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Gaps
                                                               2;
   DB 1; Length 32;
Query Match 53.5%; Score 77; DB 1; Length 32; Best Local Similarity 66.7%; Pred. No. 0.0043; Matches 20; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                  Sequence 13, Application US/08677304
Patent No. 5721212
GENERAL INFORMATION:
APPLICANT: Wakefield, Thomas W.
APPLICANT: Andrews, Philip C.
APPLICANT: Stanley, James C.
TITLE OF INVENTION: NOVEL PEPTIDES FOR HEPARIN AND TITLE OF INVENTION: LOW MOLECULAR WEIGHT HEPARIN MADER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSE: Benita J, Rohm, Esq.
STREET: S12 Springfield Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: New Jersey
COUNTRY: United States of America
ZIP: 07016-1811
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6; ASCII (DOS)Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,304
FILING DATE:
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1,

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Query Match
Best Local Similarity 66.7%; Pred. No. 0.0043;
Matches 20; Conservative 2; Mismatches 6; Indels
NAME: Rohm, Benita J.

REGISTRATION NUMBER: 28,664

REFRERENCE/DOCKET NUMBER: RM-7WG
TELECOMMUNICATION INTORNATION:
TELEPAX: 908-276-3344

INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 amino acids
TYPE: amino acid
STRANDEDNESS: No. 5721212 Relevant
NOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: N/A
PUBLICATION INFORMATION:
AUTHORS: N/A

TITLE: N/A

PUBLICATION INFORMATION:
AUTHORS: N/A

TITLE: N/A

PUBLICATION INFORMATION:
COCUMENT NUMBER: PCT/US92/08069
FILING DATE: 14-AUG-1993
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Gaps

Db ò

Search completed: August 17, 2004, 16:14:26 Job time: 15.9208 secs

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15: /cgn2_6/ptodata/1/pubpaa/USIOR_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USIOR_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/USIOR_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/USIOR_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USIOR_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                       OM protein - protein search, using sw model
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                            Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                   Run on:
                                                                                                                                                                                                                                                                                                                 Title:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 66237, A	Sequence 120, App	Sequence 68109, A	Sequence 69962, A	Sequence 152005,	Sequence 16, Appl	Sequence 55748, A	Sequence 62547, A	Sequence 64817, A	Seguence 27, Appl	Sequence 3684, Ap	Seguence 51, Appl	Sequence 51, Appl	Sequence 47, Appl	Sequence 47, Appl
DI	US-10-282-122A-66237	US-10-127-032-120	US-10-282-122A-68109	US-10-282-122A-69962	US-10-437-963-152005	US-10-390-472-16	US-10-282-122A-55748	US-10-282-122A-62547	US-10-282-122A-64817	US-10-229-567-27	US-10-369-493-3684	US-10-393-449-51	US-10-177-725-51	US-10-393-449-47	US-10-177-725-47
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% Query Match	65.3	65.3	65.3	61.1	58.3	56.6	56.2	55.9	55.9	55.9	54.9	54.2	54.2	54.2	54.2
Score	94	94	94	88	84	81.5	81	80.5	80.5	80.5	79	78	78	78	78
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Appl	nce 93, Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	90, A	App	App	App1	Appl	App1	Appl	Appl	L4, A	Appl	App,							
43,	93,	43,	93,	44,	45,	46,	44,	45,	46,	48,	48	24,	781	101	101	97,	97,	94,	95,	96	94,	S S	96	98	98	95,	765.	54,	104	
Seguence	Seguence	Seguence	Seguence	Sequence	Seguence	Sequence	Sequence	Seguence	Seguence	Sequence	Sequence	Sequence	Sednence	Sednence	Sednence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence								
US-10-393-449-43	US-10-393-449-93	US-10-177-725-43	US-10-177-725-93	US-10-393-449-44	US-10-393-449-45	US-10-393-449-46	US-10-177-725-44	US-10-177-725-45	US-10-177-725-46	US-10-393-449-48	US-10-177-725-48	US-09-820-843A-24	US-10-282-122A-78190	US-10-393-449-101	US-10-177-725-101	US-10-393-449-97	US-10-177-725-97	US-10-393-449-94	US-10-393-449-95	US-10-393-449-96	US-10-177-725-94	US-10-177-725-95	US-10-177-725-96	US-10-393-449-98	US-10-177-725-98	US-09-820-843A-95	US-10-282-122A-76514	US-10-393-449-54	10-393-44	
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	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	52.8		
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ALIGNMENTS

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18-10-282
Sequence 66237, Application US/10282122A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Samudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Malone, Cheryl
APPLICANT: Waly Undith
APPLICANT: Waly Undith
APPLICANT: Carry Wal, Undith
APPLICANT: Carry Wal, Daniel
APPLICANT: Carry Wal, Daniel
APPLICANT: Carry Wal, Daniel
APPLICANT: Carry Can
APPLICANT: Can
APPLICANT: Can
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US-10-282-122A-68109
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Whiteley, Marvin
APPLICANT: Whiteley, Marvin
APPLICANT: Bangera, M Gita
APPLICANT: Bangera, M Gita
APPLICANT: Bangera, M Gita
APPLICANT: Greenberg, Everett Peter
ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR THE MODULATION OF
ITILE OF INVENTION: BIOFILM FORMATION
FILE REFERENCE: UZ-070CP
CURRENT APPLICATION NUMBER: US/10/127,032
CURRENT FILING DATE: 2002-04-19
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-10-24
NUMBER OF SEQ ID NOS: 170
SOFTWARE FREUESE for Windows Version 4.0
SEQ ID NO 120
                                                                                                                                                                                                                                                                                                               Gaps
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 66237
LENGTH: 347
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Pred. No. 0.0027;
7; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 65.3%; Score 94; DB 14; Length 34 Best Local Similarity 66.7%; Pred. No. 0.0027; Matches 20; Conservative 7; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 120, Application US/10127032
Publication No. US20030113742A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Pseudomonas aeruginosa
US-10-127-032-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Ambone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Wall, Daniel
APPLICANT: Tawick, John
APPLICANT: Tawick, John
APPLICANT: Yamamoto, Robert
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
                                                                                                                                                                                                                                                                    65.3%;
                                                                                                                                                                                                                                                                    Query Match 65.35
Best Local Similarity 66.77
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
US-10-282-122A-68109
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US-10-127-032-120
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2000-02-20

PRIOR PELICATION NUMBER: 60/191,078

PRIOR PELICATION NUMBER: 60/201,27

PRIOR PELICATION NUMBER: 60/207,727

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-05-26

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR PLING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-11-27

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PLING DATE: 2000-11-27

PRIOR PLING DATE: 2000-12-02

PRIOR PLING DATE: 2000-12-02

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-10-29

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2000-11-6

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-01-03

PRIOR PLING DATE: 2001-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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0.0029;
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66.7%; Pred. No. o...
7; Mismatches
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6962, Application US/10282122A
Sequence 6962, Application US/10282122A
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Malnor, Carlos
APPLICANT: Malnor, Chery1
APPLICANT: Haselbeck, Robert
APPLICANT: Oblisen, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR PELING DATE: 2000-09-06
PRIOR FLING DATE: 2000-09-06
PRIOR FLING DATE: 2000-09-06
PRIOR FLING DATE: 2000-09-06
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Wall, Daniel
Trawick, John
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Yamamoto, Robert
Forsyth, R.
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Best Local Similarity
Thes 20; Conservat
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Lockshin, Curtis
TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Identification of Essential Genes in Microorganisms File Reference: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 60;
                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      56.6%; Score 81.5; DB 16;
56.8%; Pred. No. 0.013;
tive 4; Mismatches 7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Brock, David E.
REGIGIRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: MIT-6008A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 55748, Application US/10282122A
Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                           STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 60 amino acids
                                                                                                                                                                                                                                                           CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Haselbeck, Robert
Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
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Yamamoto, Robert
Forsyth, R.
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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Matches 21; Conservative
                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Trawick, John
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10s-10-37-963-152005

10s-10-37-963-152005.

10s-10-37-963-152005.

10s-10-37-963-152005.

10s-10-37-963-152005.

10s-10-37-963-152005.

10s-10-37-963-152005.

10s-10-38-152005.

10s-10
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                                PRIOR FILING DATE: 2000-10-23

FRIOR PEDINGCATION NUMBER: 60/253,625

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR FILING DATE: 2000-11-27

PRIOR FILING DATE: 2000-12-22

PRIOR FILING DATE: 2001-02-03

PRIOR FILING DATE: 2001-02-04

PRIOR FILING DATE: 2001-02-16

PRIOR PILING DATE: 2001-02-16

Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Patentin version 3.1

LENGTH: 336
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ouery Match 58.3%; Score 84; DB 16; Length 827; Best Local Similarity 56.2%; Pred. No. 0.084; Matches 18; Conservative 9; Mismatches 5; Indels
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US-10-437-963-152005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 378 ARQRAERAAVQKAAREARERAAAKA 409
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Zhang, Shuguang
Rich, Alexander
DiPersio, C. Michael
            APPLICATION NUMBER: 60/242,578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 16, Application US/10390472
Publication No. US20040087013A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Pseudomonas syringae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-282-122A-69962
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US-10-390-472-16
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Query Match 55.9%; Score 80.5; DB 12; Best Local Similarity 63.6%; Pred. No. 0.056; Matches 21; Conservative 2; Mismatches 9;
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; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-64817
                                                                                                                                                                                                                                                                                                                        7 TYPE: PRT

CRGANISM: Mycobacterium bovis

US-10-282-122A-62547
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Ohlsen, Kari
Zyskind, Judith
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Wall, Daniel
Trawick, John
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Yamamoto, Robert
Forsyth, R.
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
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US-10-282-122A-64817
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TITLE OF INVENTION: Identification of Essential Genes in Microcrganisms
FILE REFERENCE: ELITRA.034A
FILE REPERENCE: ELITRA.034A
FILE REPERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/290, 848
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-06
PRIOR PILICATION NUMBER: 60/230,335
PRIOR PILING DATE: 2000-09-06
PRIOR PILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-09-09
PRIOR PILING DATE: 2000-10-23
PRIOR PILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: 60/206,848
PRIOR PLILING DATE: 2000-05-23
PRIOR PELLING DATE: 2000-05-23
PRIOR PELLING DATE: 2000-05-26
PRIOR PELLING DATE: 2000-05-26
PRIOR PELLING DATE: 2000-05-06
PRIOR PELLING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PELLING DATE: 2000-09-09
PRIOR PELLING DATE: 2000-10-23
PRIOR PELLING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR PELLING DATE: 2000-11-27
PRIOR PELLING DATE: 2000-12-26
PRIOR PELLING DATE: 2001-02-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-122A-55748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
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Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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APPLICAMY: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT APLICATION NUMBER: 60/191,078
PRIOR PILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FLIING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-24
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PELING DATE: 2000-110-23
PRIOR PELING DATE: 2000-110-23
PRIOR PELING DATE: 2000-110-27
PRIOR PELING DATE: 2000-110-27
PRIOR PELING DATE: 2000-110-20
PRIOR PELING DATE: 2000-110-20
PRIOR PELING DATE: 2000-12-20
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-12-20
PRIOR PELING DATE: 2001-02-09
PRIOR PELING DATE: 2001-02
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PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR PRIOR PLING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 62247
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Sequence 51, Application US/10393449

Sequence 51, Application No. US20030224412A1

Sequence 51, Application No. US20030224412A1

GENERAL INFORMATION:

APPLICANT: Anderson, David

APPLICANT: Beele, Beau R.

TILLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S

TILLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S

TILLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S

TILLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT S

TILLE OF INVENTION UNMBER: US 10/17,725

PRIOR APPLICATION NUMBER: US 09/415,765

PRIOR APPLICATION NUMBER: US 09/415,765

PRIOR APPLICATION NUMBER: US 09/169,015

PRIOR PLING DATE: 1998-10-08

NUMBER OF SEQ ID NOS: 173

SEQ ID NO 5:

LENGTH: 91

LENGTH: 91
Page 5

APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianteng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10 (2205.) B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 3684
LENGTH: 685
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Pred. No. 0.047;
5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: unsure

LOCATION: (1)..(685)

CTHER INFORMATION: unsure at all Xaa locations

US-10-369-493-3684
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 61.3%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: synthetic US-10-393-449-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Neurospora crassa
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US-10-177-725-51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Diagnosis, Prevention and Treatment of Ulcerative Colitis, and Clinical Subtypes Thereof, Using Microbial UC PANCA antigens
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                                                                                                                                                                                                      Length 214;
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CONFUTER: IBM PC Compatible

CONFATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/229,567

FILING DATE: 27-Aug-2002

CLASSIFICATION: <UNKnown>
PRIOR APPLICATION OF COMPANIES: US/09/417,264

FILING DATE: <UNKnown>
APPLICATION NUMBER: US 09/041,889

FILING DATE: <UNKnown>
APPLICATION NUMBER: US 09/041,889

FILING DATE: <UNKnown>
ATTORNEY/AGENT INFORMATION:

NAME: CAMPAIN NUMBER: 31,815

REFERENCE/DOCKET NUMBER: 9-PM 3006

TELEFANT: (619) 535-9001

TELEFAN: (619) 535-9001
                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                    11arity 63.6%; Pred. No. 0.056; Conservative 2; Mismatches 9;
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MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
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Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 27, Application US/10229567 Publication No. US20030092080A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 214 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Braun, Jonathan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (619) 535-8
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
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STATE: California
                                                                                                                                                                                  Query Match
Best Local Similarity (
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US-10-369-493-3684
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US-10-229-567-27
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APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Bogenberger, Jakob M.
APPLICANT: Peelel, Beau V.
TILE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT STRICE REPERROCE: RIGL-OO7CIP3
CURRENT APPLICATION NUMBER: US/10/393,449
CURRENT FILING DATE: 2003-03-18
PRIOR FILING DATE: 1090-10-08
PRIOR FILING DATE: 1999-10-08
PRIOR PRIOR PLING DATE: 1999-10-08
PRIOR PLING DATE: 1999-10-08
PRIOR PLING DATE: 1999-10-08
SOFTWARE: Patentin version 3.1
SEQ ID NO 47
MADRA OF LENGTH OF APPLICATION NUMBER OF SEQ ID NOS: 173
SEQ ID NO 47
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MADRA OF LENGTH OF APPLICATION NUMBER OF SEQ ID NO 47
APPLICANT: PSECON BEAU R.

APPLICANT: PSECON BEAU R.

TITLE OF INVENTION: STRUCTURALLY BIASED RANDOM PEPTIDE LIBRARIES BASED ON DIFFERENT: FILE REPERENCE: A-66900-4/RMS/AMS
CURRENT APPLICATION NUMBER: US/01/17,725
CURRENT PILING DATE: 1050-10-08
PRIOR APPLICATION NUMBER: US 09/415,765
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR APPLICATION NUMBER: US 09/169,015
PRIOR PILING DATE: 1996-10-08
NUMBER OF SEQ ID NOS: 173
SOFTWARE: PATENT NOS: 173
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
54.2%; Score 78; DB 14; Length 91;
Best Local Similarity 61.3%; Pred. No. 0.047;
Matches 19; Conservative 5; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 47, Application US/10393449 Publication No. US20030224412A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 47, Application US/1017725; Publication No. US20030143562A1; GENERAL INFORMATION:
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APPLICANT: Bogenberger, Jakob M.
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ORGANISM: Artificial sequence
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; OTHER INFORMATION: Synthetic
US-10-393-449-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: synthetic US-10-177-725-51
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US-10-177-725-47
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